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Application Note Number ...135....

Product : LP110 range

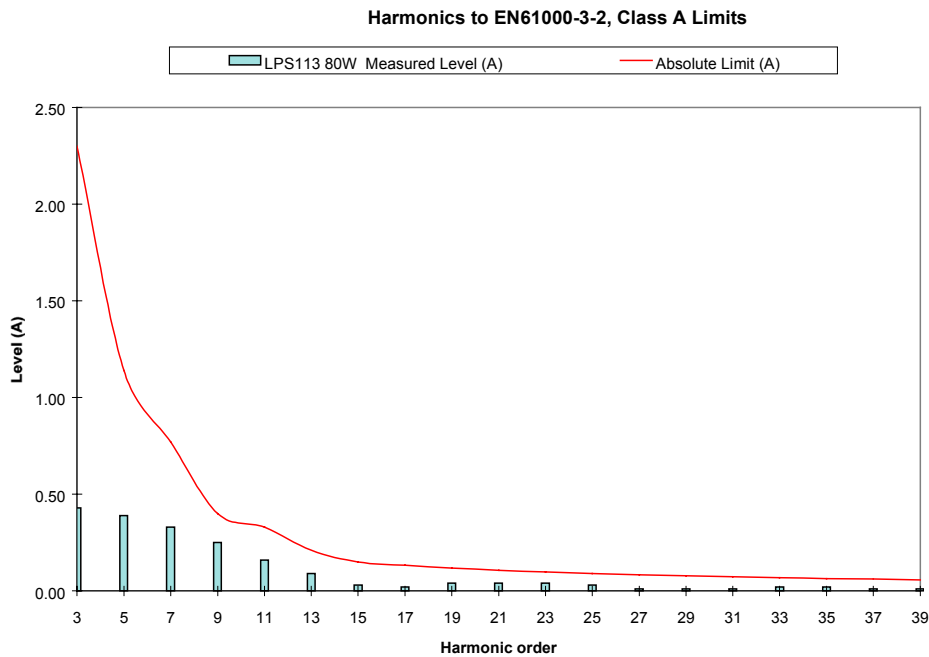
Application Overview: Mains Harmonic Performance to EN61000-3-2 Class A

Originator: G. Fry

Location: Merry Hill

Date: 26/7/00

Schematic



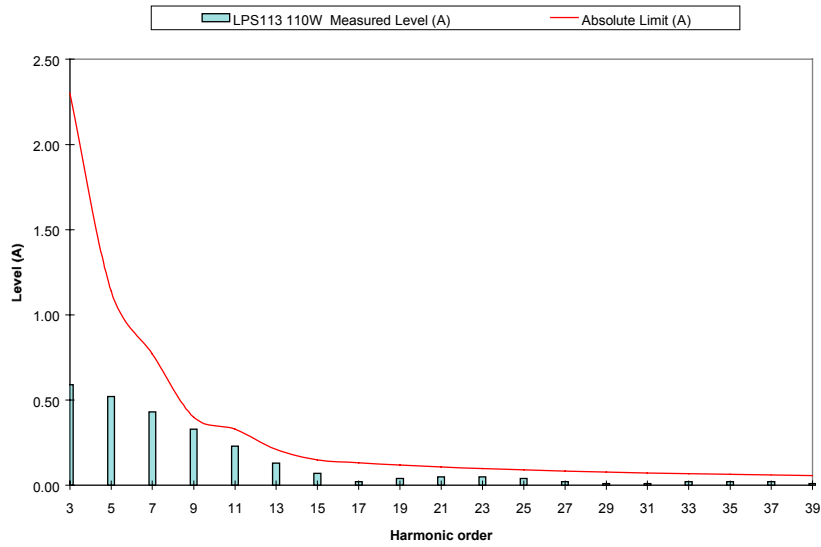
Description

The LP110 range of Astec Power supplies has been tested to the European Standard EN61000-3-2 Class A Mains Harmonic Distortion requirements. The Chart above gives the results for the LPS113 at 80W. On the next page are charts for the LPS113 at 110W and the LPQ112 at 80W and 110W. The third page gives the charts for the LPQ114 at 80W and 110W. As can be seen from the charts the LP110 range meets the requirements of the EN61000-3-2 Class A without modification. These results are typical for the whole range of LP110 power supplies.

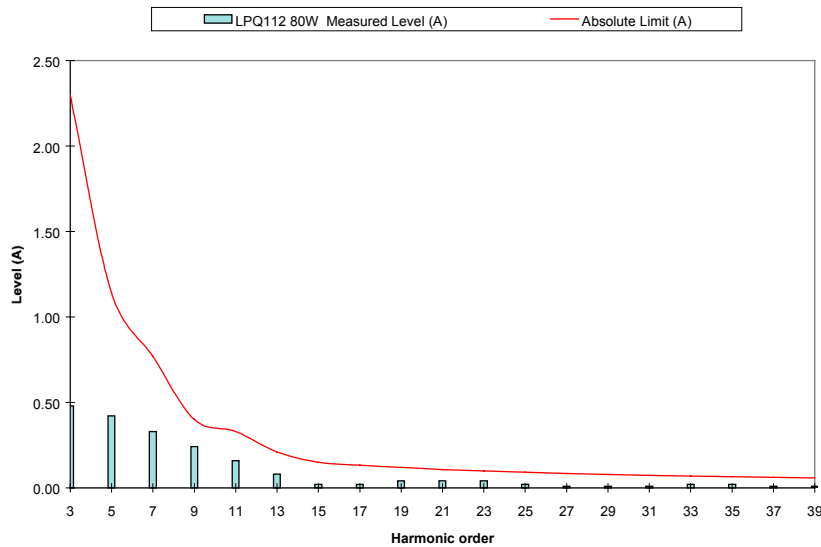


Description (continued)

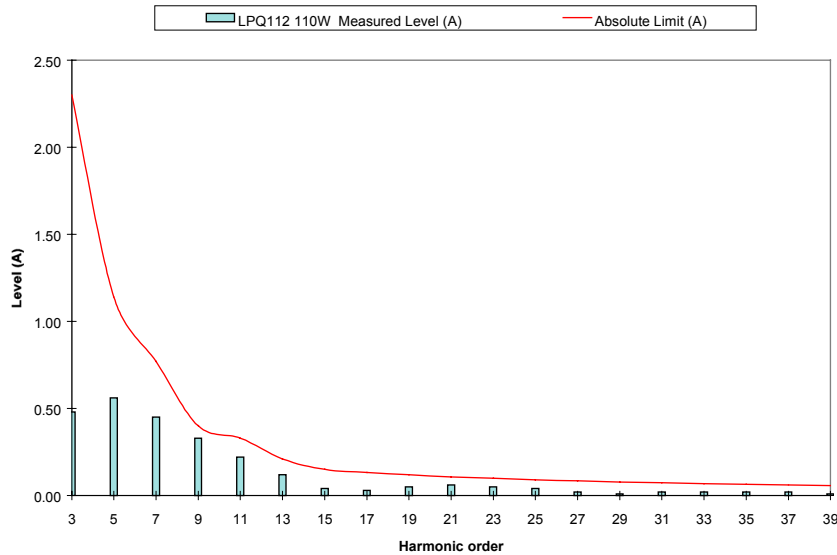
Harmonics to EN61000-3-2, Class A Limits



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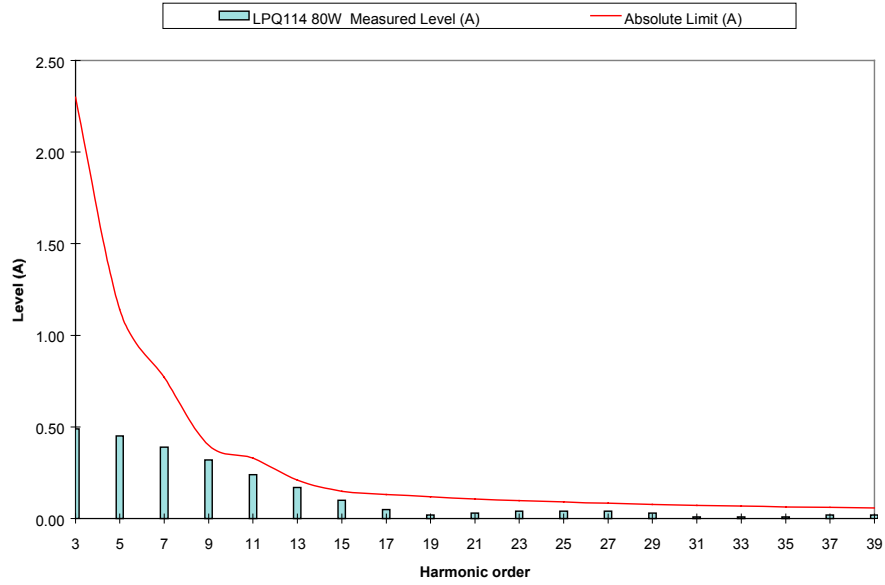
Harmonics to EN61000-3-2, Class A Limits





Description (continued)

Harmonics to EN61000-3-2, Class A Limits



Harmonics to EN61000-3-2, Class A Limits

