

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 4.13: Testing and measurement techniques—Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests



AS/NZS 61000.4.13:2012

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-034, Power Quality, to supersede AS/NZS 61000.4.13:2006, *Electromagnetic compatibility (EMC)—Part 4.13: Testing and measurement techniques—Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests*.

The objective of this Standard is to establish a common reference for evaluating the functional immunity of electrical and electronic equipment when subjected to harmonics and interharmonics and mains signalling frequencies.

This Standard is identical with, and has been reproduced from IEC 61000-4-13, Ed.1.1 (2009), *Electromagnetic compatibility (EMC)—Part 4-13: Testing and measurement techniques—Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests*.

IEC 61000-4-13, Ed.1.1 (2009) consists of the IEC 61000-4-13, Ed.1.0 (2002) and its Amendment 1 (2009). A vertical line in the margin of the source document shows where the base publication has been modified by Amendment 1.

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61000-2-2	Part 2-2: Environment—Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems	61000.2.2	Part 2.2: Environment—Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems
61000-3-2	Part 3-2: Limits—Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	61000.3.2	Part 3.2: Limits—Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
61000-4-7	Part 4-7: Testing and measurement techniques—General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto	61000.4.7	Part 4.7: Testing and measurement techniques—General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

CONTENTS

1	Scope and object	7
2	Normative references.....	7
3	Definitions	8
4	General	9
4.1	Description of the phenomenon.....	9
4.2	Sources.....	9
5	Test levels.....	10
5.1	Harmonics test levels.....	10
5.2	Test levels for interharmonics and mains signalling.....	12
6	Test instrumentation	13
6.1	Test generator	13
6.2	Verification of the characteristics of the generator	15
7	Test set up	15
8	Test procedures.....	16
8.1	Test procedure	16
8.2	Application of the test	16
9	Evaluation of test results.....	21
10	Test report.....	22
	Annex A (informative) Impedance network between voltage source and EUT	27
	Annex B (informative) Resonance point.....	28
	Annex C (informative) Electromagnetic environment classes	29
	Bibliography.....	30
	Figure 1 – Test flowcharts.....	18
	Figure 2 – An example of a test set-up for single phase.....	23
	Figure 3 – An example of a test set-up for three phases	23
	Figure 4 – Test sequences for individual harmonics.....	24
	Figure 5 – An example of the sweep in frequency test (for example class 1 equipment from Table 9).....	24
	Figure 6 – Flat curve waveshape	25
	Figure 7 – Over swing waveshape	26
	Table 1 – Odd harmonics non-multiple of 3 harmonics.....	11
	Table 2 – Odd harmonics multiple of 3 harmonics.....	11
	Table 3 – Even harmonics.....	12
	Table 4 – Frequencies between harmonic frequencies.....	12
	Table 4a – Frequencies between harmonic frequencies (for 50 Hz mains)	12
	Table 4b – Frequencies between harmonic frequencies (for 60 Hz mains)	12

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