



Product Service

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Technical Report No.

71340258

dated

2008-07-24

Client: Schroff GmbH
Langenalber Straße 96
D- 75334 Straubenhardt

Manufacturer and / or
location of manufacturing: see client

Unit/s under test (UUT): Compact PCI Chassis

Test specification: Vibration test in accordance to IEC 61587-2

Test scope: Verification of suitability for intended application according the
under position 3 detailed test specification.

Test result: The unit under test was opened.
The evaluation of the test was performed by the customer locally.
The visual inspection showed no deficiencies or damages.

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Accredited Test Laboratory
Deutsche Akkreditierungsstelle Technik
(DA Tech in der TGA GmbH):
DAR-Reg.No. DAT-P—087/99-11

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TUV®

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Integrated documentation

none

1 Unit/s under test (UUT)

The unit under test was:

Compact PCI chassis

1 U, 2 slot, order- no. 24579-078

Power supply order- no. 13100-141 (fixed on right side)

Build in:

2 Dummy boards 6 U 160T with each 360 gr. weight

2 Dummy boards 6 U 80T without weight (rear)

2 Order

2.1 Date of order, initial of client

Company Schroff GmbH ordered from TÜV SÜD Product Service GmbH with order sheet dated 2008-06-30 order No. 28016691/OP to test the a.m. UUT.

2.2 Receipt of UUT

The sample was delivered by the client on 2008-07-17.

2.3 Reconsignment of UUT

The sample was taken by the client on 2008-07-17.

3 Test specification

3.1 Vibration test, sine

Frequency range:	2 Hz- 35 Hz
Amplitude:	2 Hz, 20 mm _{pp}
	6 Hz; 6.9 mm _{pp}
	6 Hz- 35 Hz, 0.5 g
Sweep rate:	0.3 Oct./min
Test duration:	1 cycle / axis, in 3 axes



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4 Test equipment

Equipment	Type	Ser.-No.	Manufacturer
Shaker:	1000 IAR		Unholtz-Dickie
Vibration control system:	V Win		Unholtz-Dickie
Signal conditioner:	133	AE 48	Endevco
Accelerometer:	T10B10	2624 2625	Unholtz-Dickie

The measuring equipment is calibrated regularly according to the calibration instructions of TÜV SÜD PRODUCT SERVICE GmbH. All calibrations are traced back to national standards.

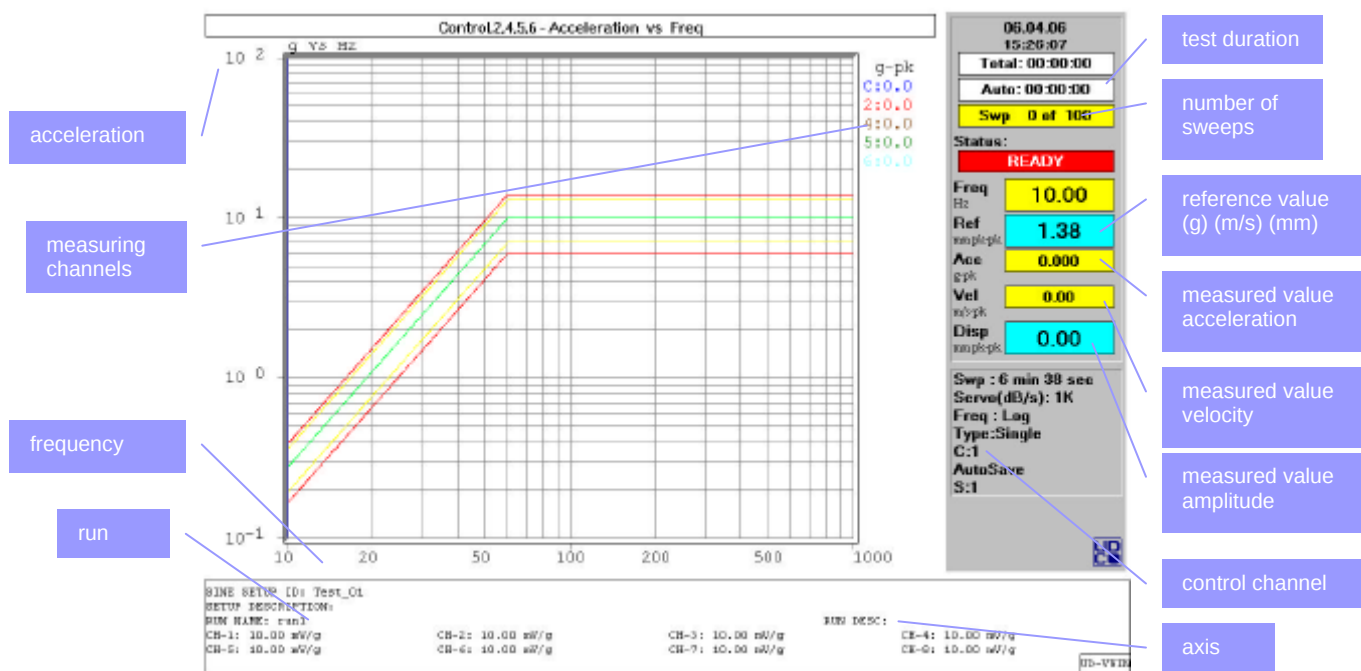
5 Test sequence

Test date: 2008-07-17

No.	Test	Run	Axis	Notes
1	Vibration, sine	1	z	
2	Vibration, sine	2	x	
3	Vibration, sine	3	y	

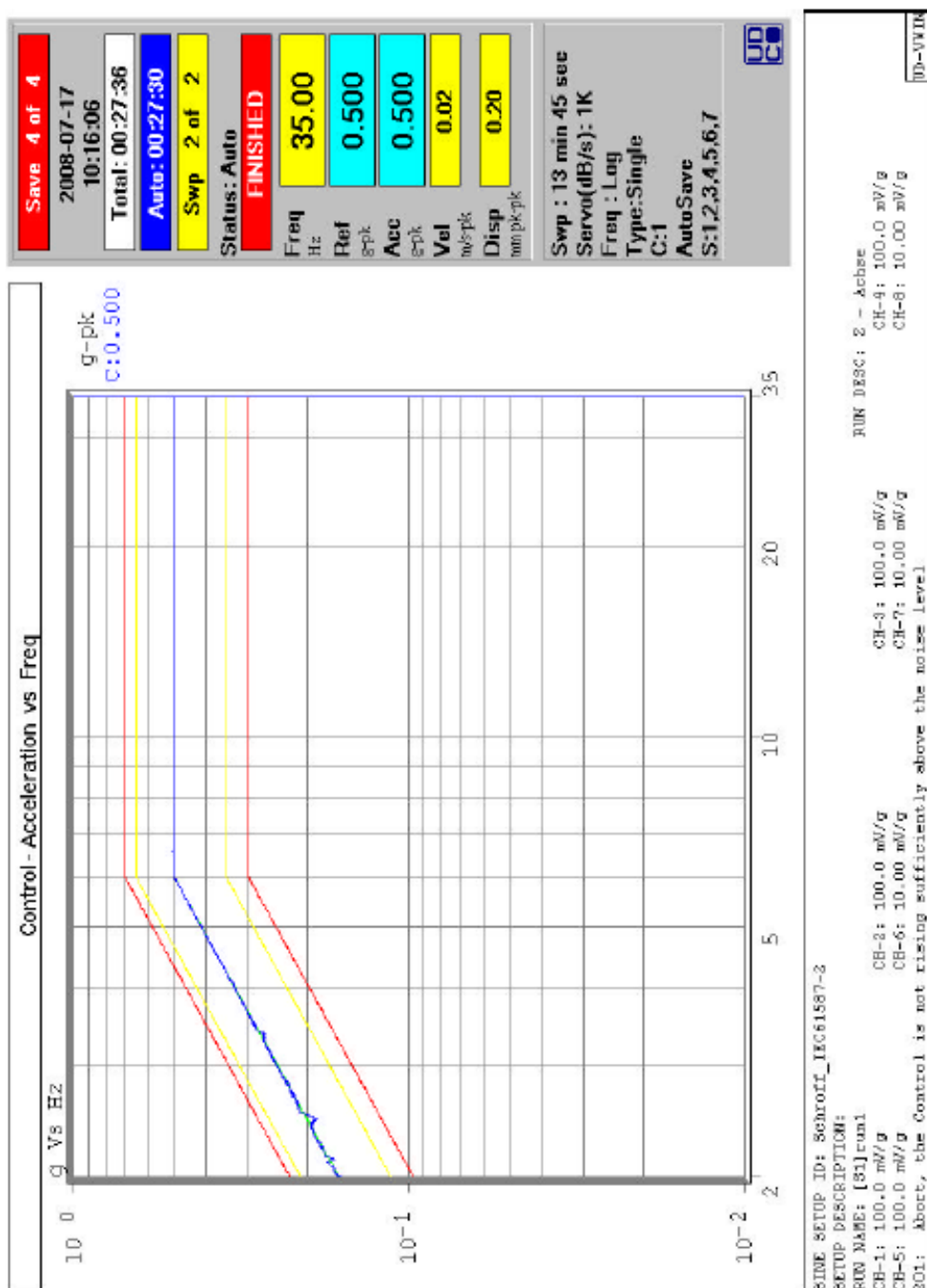
6 Legend of measuring diagrams

6.1 Vibration test sine



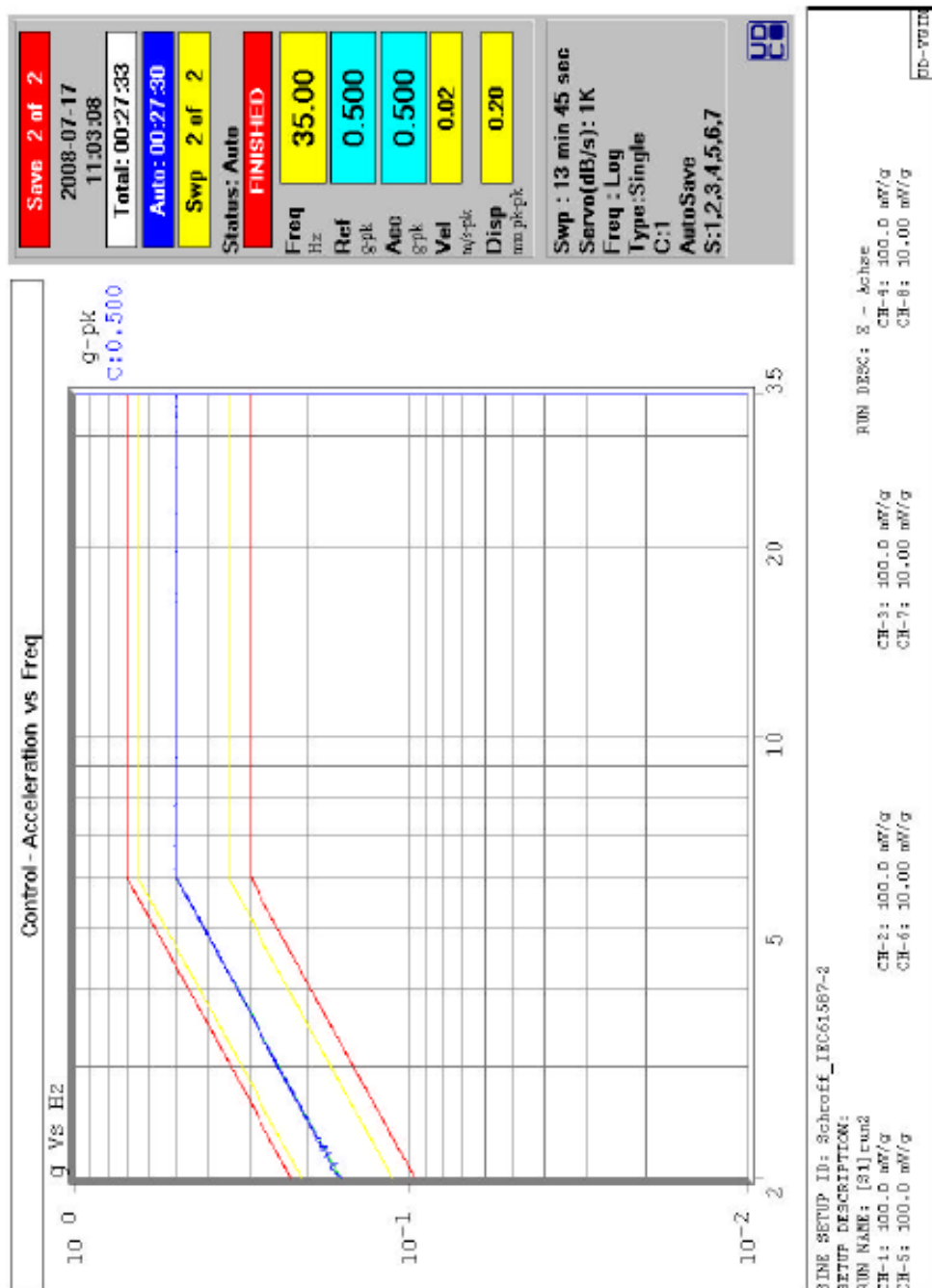
7 Test documentation

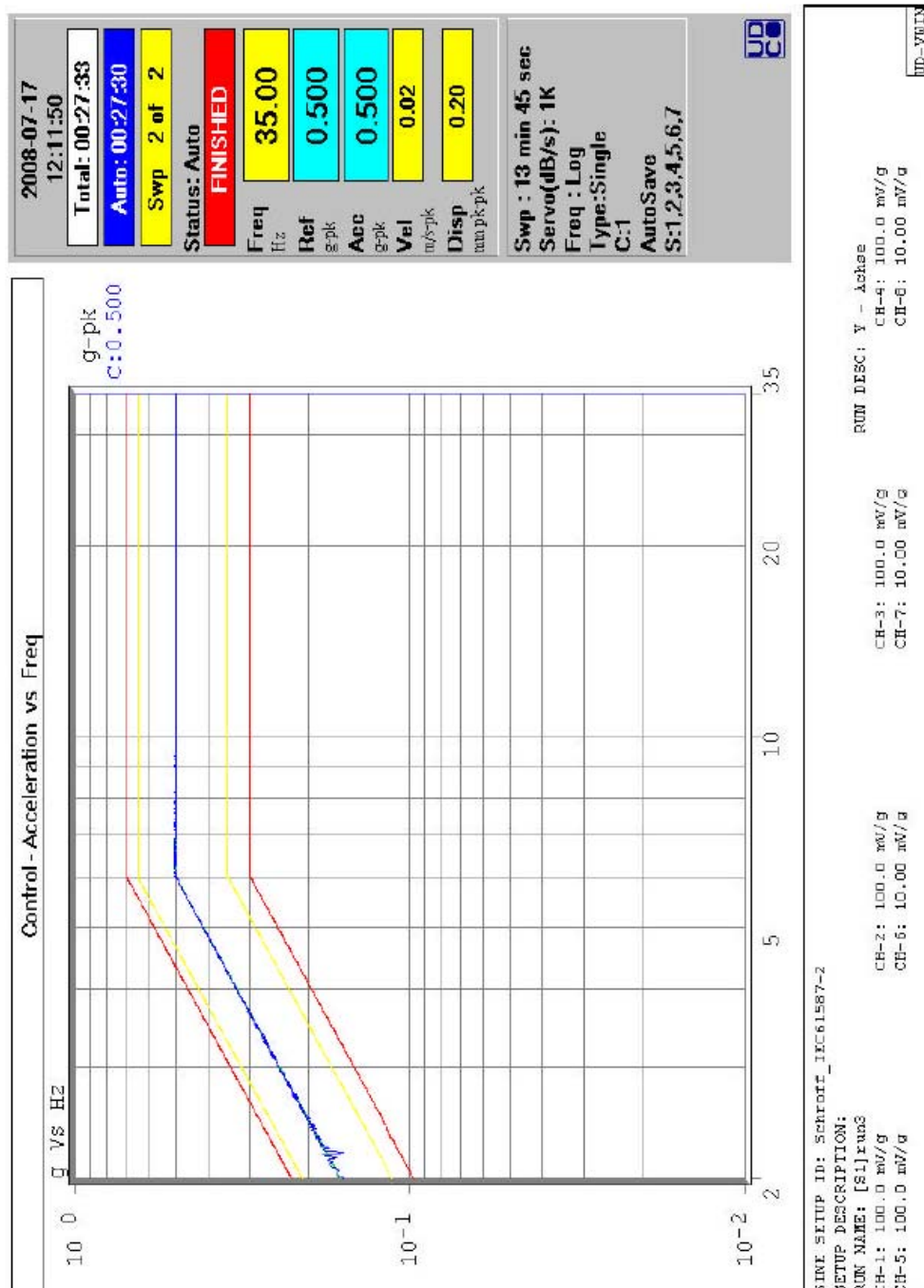
7.1 measuring diagrams of the vibration test, sine



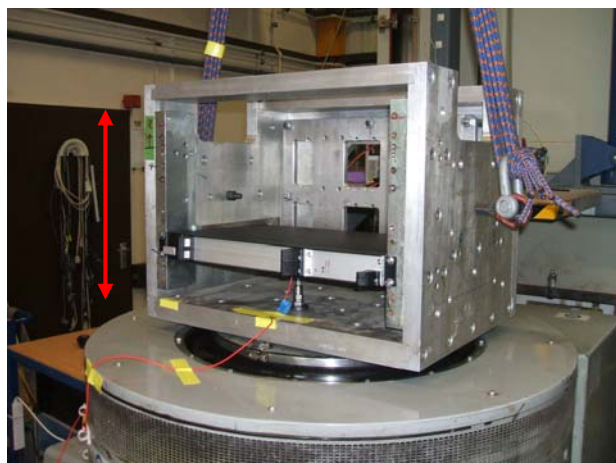


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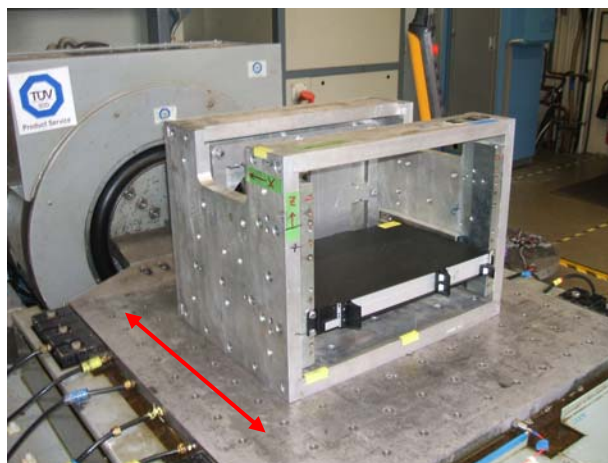




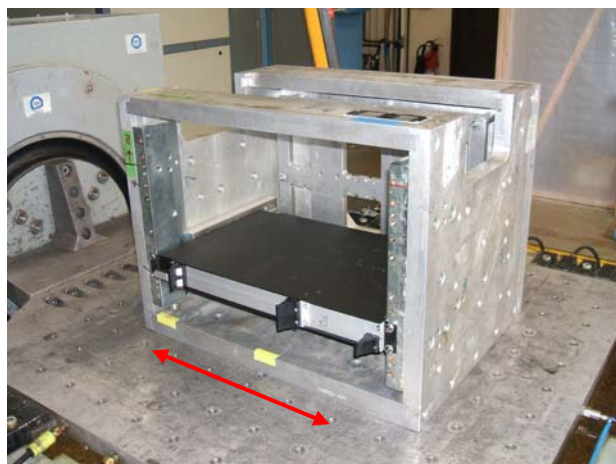
8 Photo documentation



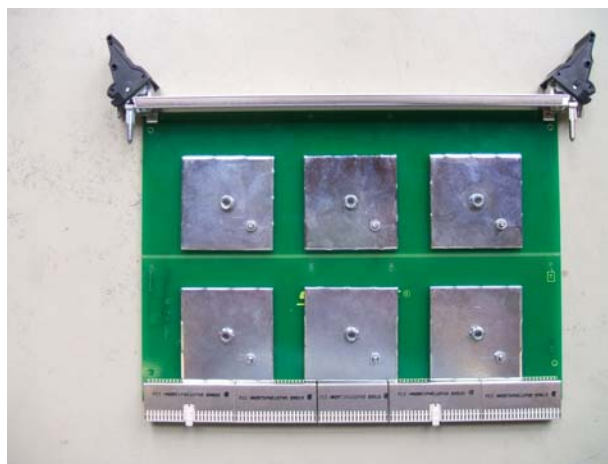
1. z- axis



2. x- axis



3. y- axis



4. dummy board with load.

Verified
Signature

Wolfgang Jakobi
Dept. Manager

Edited
Signature

Herbert Lang
Test Engineer