T E S T R E P O R T

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RADIATED EMISSION INSIDE GHzTEMCell

1 OPERATOR

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2 BASIC INFORMATION

PPROJECT NUMBER	: EP/640728.00
CLIENT INHOUSE	: 560 Gerald Hogg - 1710
TEST PLAN	:
REQUIREMENT	: siehe Lastenheft EP/640728.00
EQUIPMENT UNDER TEST	: 2218F/2TDHHO
SERIES NUMBER	: 9295420201
SK-STATUS	: BV-Stand
SOFTWARE STATUS	: Version 5.2.1 15.11.2010
HARDWARE MODIFICATION	: Bestückung 024 mit Snubber 2n2 NP0
PCB NUMBER	: 6027654024
WMS STATUS	: 72
DATE CODE	: -
SAMPLE NUMBER	: -
VOLTAGE	: 48Vdc (36-72Vdc)
INPUT	: O-Steuereingang: 10Vdc
RPM	: nmax = 5000rpm
CURRENT	: 1000mA
LOAD	: free air load
CONNECTED TO PE/EARTH	: -
TYPE OF INPUT	: Analog, 0...10V oder PWM (0;12V)
TYPE OF OUTPUT	: Tacho (3xn)/60
LEAD/PIN 1	: red: positive power line
LEAD/PIN 2	: blue: negative power line
LEAD/PIN 3	: white: Tacho output (OC) /2
LEAD/PIN 4	: violet: O input
ADDITIONAL INFORMATION	: -

3 EQUIPMENT UNDER TEST



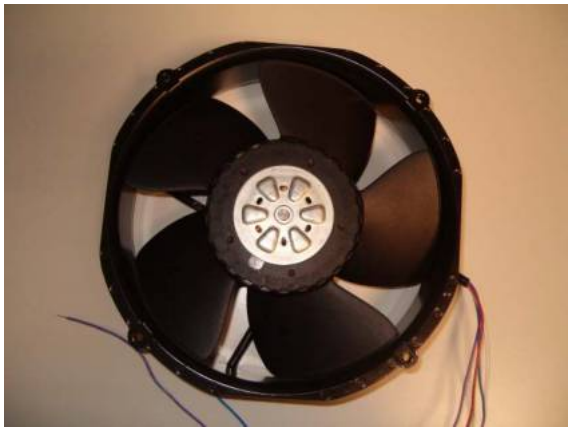
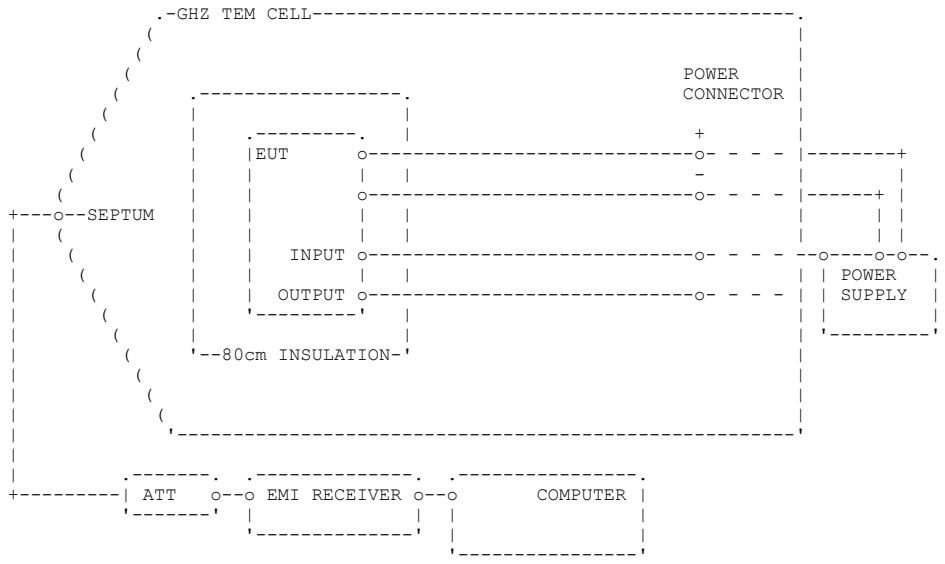


fig.01: EUT first side; fig.02: EUT second side

4 TEST SETUP BLOCK DIAGRAM



5 OPERATING STATE

SUPPLY VOLTAGE	+48Vdc (nominal)
CURRENT CONSUMPTION	according power supply: 1.2A
ROTATION PER MINUTE	4996rpm
INPUT	active 12Vdc
OUTPUT	open (not connected)
EARTH/PE	EUT insulated (not connected to PE/safety earth)
LOAD	air load

6 PLOT OF DATA

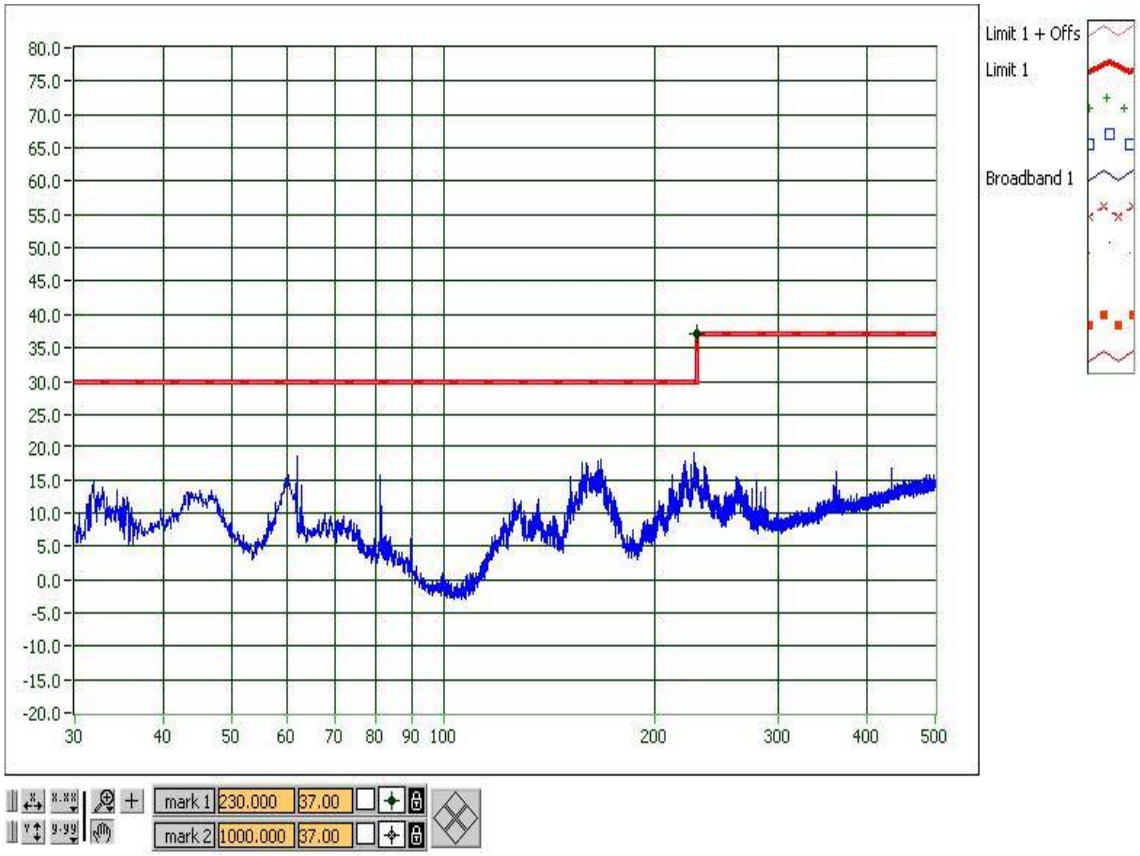


fig.03: Plot of result

7 MANUAL DATA

none

8 RESULT EVALUATION

PASS
EUT below limit EN 55022 Class B

9 PICTURES OF TEST

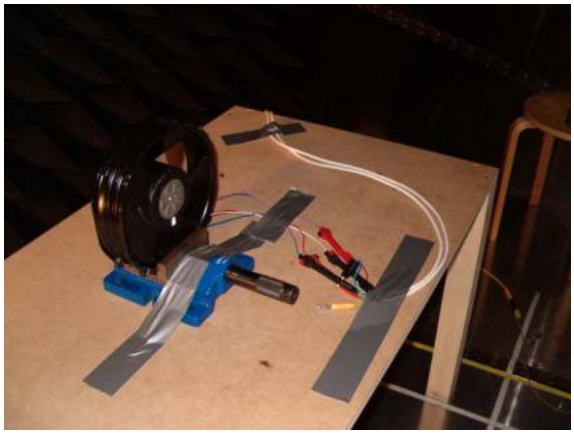
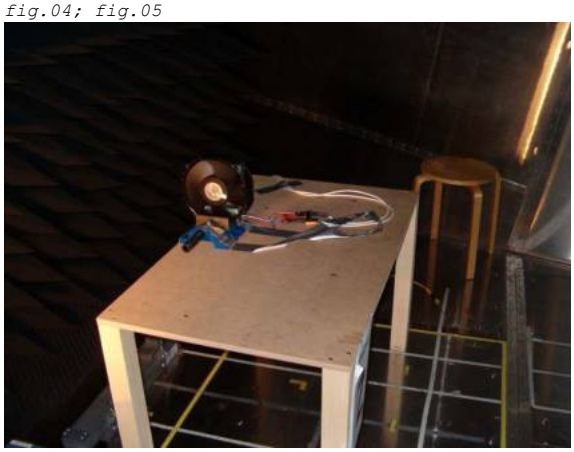




fig.04; fig.05



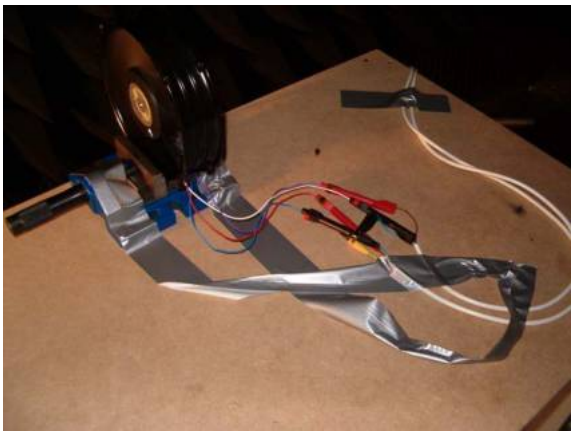


fig.06; fig.07

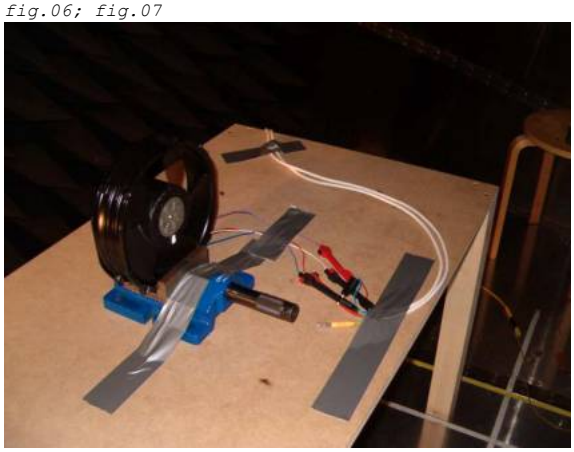




fig.08; fig.09

10 ADDITIONAL

Testlocation:

EMV - Labor
Roland Paul
S. Siedle & Söhne
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78113 Furtwangen
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11 TEST EQUIPMENT

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