

4 TEST RESULTS

4.1 AC powerline conducted emissions

EUT	40153
Accessories	40121, 40155, 40161
Temp, Humidity, Air Pressure	19°C 51 % RH 1014 mbar
Date of measurement	24.1.2005
FCC rule part	§15.107
ICES-003 section	5.3
Measured by	Jari Jantunen
Result	PASS

4.1.1 Limit

CISPR 22 Class B limit

Frequency band (MHz)	Quasi-peak limit (dBμV)	Average limit (dBμV)
0.15 – 0.5	66 – 56	56 – 46
0.5 – 5	56	46
5 – 30	60	50

4.1.2 EUT operation mode

EUT operation mode	GSM 1900, idle mode, BlueTooth standby
EUT operation voltage	115V/60Hz

4.1.3 EUT test setup



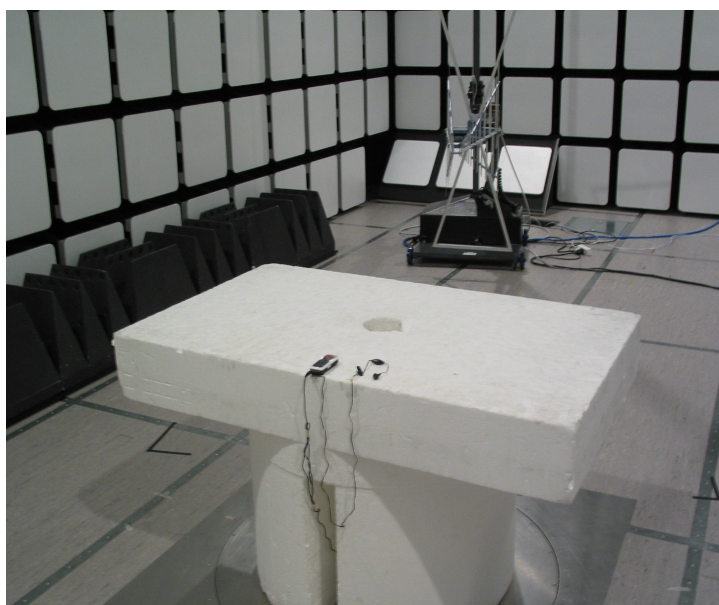
Picture 1 EUT test setup

1000-8500	500 / 5000	54 / 74	AV / PK
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4.2.2 EUT operation mode

EUT operation mode	GSM 1900, idle mode, BlueTooth standby
EUT operation voltage	115V/60Hz

4.2.3 EUT test setup



Picture 3 EUT test setup

4.2.4 Emission measurement data, 30 MHz – 8500 MHz

The measurement results were obtained as described below.

$$E[uV / m] = U_{RX} + A_{CABLE} + AF - G_{PREAMP}$$

Where

U_{RX} receiver reading

A_{CABLE} Attenuation of the cable

AF Antenna factor

G_{PREAMP} Gain of the preamplifier