

FCC ID: NXIM1BT

ATTACHMENT TO TEST REPORT T30746-00-00XF

Type / Model Name : M1BT RF

Product Description : Serial Interface Bluetooth module

Applicant : Marposs S.p.A.

Address : Via Saliceto, 13

I – 40010 Bentivoglio (BO) Italia

Manufacturer : Marposs S.p.A.

Address : Via Saliceto, 13

I – 40010 Bentivoglio (BO) Italia

Licence holder : Marposs S.p.A.

Address : Via Saliceto, 13

I – 40010 Bentivoglio (BO) Italia

Test Result according to the standards listed in clause 1 test standards:

Positive



The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test results without the written permission of the test laboratory.

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1 TEST STANDARDS

The tests were performed according to following standards:

FCC Rules and Regulations Part 15 Subpart C - Intentional Radiators (October 01, 2005)

Part 15, Subpart C, Section 15.207(a) AC Line conducted emissions

FCC Rules and Regulations Part 15 Subpart B - Unintentional Radiators (October 01, 2005)

Part 15, Subpart B, Section 15.107(a) AC Line conducted emissions

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2 SUMMARY

GENERAL REMARKS:

none

FINAL ASSESSMENT:

The equipment under test **fulfills** the EMI requirements cited in clause 1 test standards.

Date of receipt of test sample : acc. to storage records

Testing commenced on : June 01, 2006

Testing concluded on : June 01, 2006

Checked by:

 Thomas Weise
Ich bestätige die
Richtigkeit und Integrität
dieses Dokuments
2006.06.01 10:43:34
+02'00'

Thomas Weise
Dipl.-Ing.(FH)
Laboratory Manager

Tested by:

 Xavier Fischer
Ich bin der Verfasser
dieses Dokuments
2006.06.01 10:30:02
+02'00'

Fischer Xavier

3 TEST CONDITIONS AND RESULTS

3.1 Conducted emissions

3.1.1 Description of Measurement

The final level, expressed in dB μ V, is arrived at by taking the reading directly from the EMI receiver. This level is compared directly to the FCC Limit or to the CISPR limit, which is equivalent to the Australian AS 3548 limit.

To convert between dB μ V and μ V, the following conversions apply:

$$\text{dB}\mu\text{V} = 20(\log \mu\text{V})$$

$$\mu\text{V} = \text{Inverse log}(\text{dB}\mu\text{V}/20)$$

Conducted emissions on the 50 Hz and/or 60 Hz power interface of the EuT are measured in the frequency range of 150 kHz to 30 MHz. The measurements are performed using a receiver, which has CISPR characteristic bandwidth and quasi-peak detection, and a Line Impedance Stabilization Network (LISN), with 50 Ω /50 μ H (CISPR 16) characteristics. Table top equipment is placed on a non-conducting table 80 centimeter's above the floor and is positioned 40 centimeter's from the vertical ground plane (wall) of the screen room. If the minimum passing margin appears to be less than 20 dB with a peak mode measurement, the emissions are remeasured using a tuned receiver with quasi-peak and average detection and recorded on the data sheets.

3.1.2 Test result

Frequency range: 0.15 MHz - 30 MHz

Min. limit margin

The requirements are **FULFILLED**.

Remarks: For detailed test result please refer to following pages.
