

Issued according to the Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC Annex IV, by Nemko AS (Notified Body Id No. 0470).
Our opinion is that the technical file submitted, provides sufficient evidence of conformity with Article 3 of the R&TTE Directive 1999/5/EC.

Document No.: HF 112703

Applicant	FreeWave Technologies Inc. 1880 S. Flatirons CT., Suite F Boulder, CO 80301-2850 USA
Manufacturer	Same as applicant
Product	Wireless serial data transceiver
Model	GXM family
Rating	6-30 Vdc, 400 mA
Additional information	Frequency Band: 2400 – 2483,5 MHz Output power: Antenna Maxrad omni: 14,47 dBm (EIRP) Antenna Wavelink yagi: 17,67 dBm (EIRP)
Brand Name	
Documentation	Technical documentation from Freeway Technologies Inc. received June 06 th . 2011. Test reports from EMC Integrity Inc, and UL Inc.
Standards applied	Article 3.1a) EN 60950-1:2006 + A11:2009 Article 3.1b) EN 301 489-1 v.1.8.1, EN 301 489-17 v.2.1.1 Article 3.2) EN 300 328 v.1.7.1
Nemko order number	177680

This document reflects the opinion of this Notified Body. The manufacturer may or may not follow this opinion. The compliance of this product is the sole responsibility of the manufacturer or his European authorized representative.

Provided it is otherwise confirmed that the product also conforms with any other applicable Directives, the manufacturer (or the European authorized representative) may prepare an EC/EEA Declaration of Conformity and affix the below shown CE-marking to each conforming product. Since this technical file has been assessed by Nemko AS, the CE-marking shall be accompanied by the Nemko Notified Body Id number 0470, according to the provisions of Annex VII and Article 12 of the R&TTE Directive 1999/5/EC. For radio transmitters the CE-marking shall also be accompanied by an Equipment Class Identifier given in Annex VII and Article 14 of the R&TTE Directive 1999/5/EC.

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Roy Uggerud [Notified Body]

CE 0470



Annex I (Essential requirements)

Certificate No.: HF 112703

- PASS** **Protection requirements for health and safety - Article 3.1a**
The protection of the health and the safety of the user and any other person, including the objectives with respect to safety requirements contained in Directive 2006/95/EC, but with no voltage limit applying.
- PASS** **Protection requirements for electromagnetic compatibility (EMC) - Article 3.1b**
The protection requirements with respect to electromagnetic compatibility contained in Directive 2004/108/EC.
- PASS** **Effective use of the radio spectrum - Article 3.2**
Radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communication and orbital resources so as to avoid harmful interference.
- NA** **Interwork via network - Article 3.3a**
The product shall be so constructed that it interworks via networks with other apparatus and that it can be connected to interfaces of the appropriate type throughout the Community.
- NA** **Harm and misuse of network - Article 3.3b**
The product shall be so constructed that it does not harm the network or its functioning nor misuse network resources, thereby causing an unacceptable degradation of service.
- NA** **Protect personal data and privacy - Article 3.3c**
The product shall be so constructed that it incorporates safeguards to ensure that the personal data and privacy of the user and of the subscriber are protected.
- NA** **Avoidance of fraud - Article 3.3d**
The product shall be so constructed that it supports certain features ensuring avoidance of fraud.
- NA** **Access to emergency services - Article 3.3e**
The product shall be so constructed that it supports certain features ensuring access to emergency services.
- NA** **Features for disabled users - Article 3.3f**
The product shall be so constructed that it supports certain features in order to facilitate its use by users with a disability.

PASS = Pass (compliant)
FAIL = Fail (non-compliant)
NA = Not applicable