



**TÜVRheinland®**

Precisely Right.

**LETTER OF OPINION WITH RESPECT TO THE PRESUMPTION OF COMPLIANCE OF A PRODUCT WITH THE ESSENTIAL REQUIREMENTS OF ARTICLE 3.1(a), ARTICLE 3.1(b) AND ARTICLE 3.2 OF THE R&TTE DIRECTIVE 1999/5/EC, ACCORDING TO THE CONFORMITY ASSESSMENT PROCEDURE REFERRED TO IN ARTICLE 10(5) AND ANNEX IV.**

#### DESCRIPTION OF THE PRODUCT

Manufacturer : Intel Corporation S.A.S.  
Address : Le Navigator B / 505 route des Lucioles / CS 70293  
06905 Sophia Antipolis Cedex – France  
Product description : Intel® Centrino® Wireless-N2230 network adapter  
Including Dual Mode Bluetooth 2.1 (+ EDR), 3.0 (+HS), 4.0 (BLE)  
Product brand name : Intel®  
Product identification : 2230BNHMW  
Intended use : 2400 – 2483.5 MHz,  
Maximum output power : 20 dBm max. (2400 – 2483.5 MHz) IEEE802.11 b/g/n mode  
10 dBm max. (2400 – 2483.5 MHz) Bluetooth

#### APPLICANT

Name : Intel Mobile Communications SAS  
Address : Le Navigator B / 505 route des Lucioles / CS 70293  
06905 Sophia Antipolis Cedex – France

#### TECHNICAL CONSTRUCTION FILE

Issued by : Intel Mobile Communications SAS  
Address : Le Navigator B / 505 route des Lucioles / CS 70293  
06905 Sophia Antipolis Cedex – France  
Date : October 10, 2014 (addition to version of June 02, 2014)  
File number : EU TCF– 2230BNHMW  
Covered Phenomena(s): compliance with the protection requirements for Safety, EMC and RF Spectrum as specified in the following standards is justified:  
EN 60950-1:2006+A11:2009+A12:2011+A1:2010+AC:2011; EN 50566:2013;  
EN 301 489-1 v1.9.2; EN 301 489-17 v2.2.1;  
EN 300 328 v1.8.1

#### LETTER OF OPINION

Issued by : TÜV Rheinland Nederland B.V.  
Date : October 10, 2014  
Reference number : 1110180404

Based on the evidence presented in the Technical Construction File, TÜV Rheinland Nederland B.V. as appointed Notified Body (number **1856**), **has given a positive opinion** that the product described is in compliance with the essential requirements art 3.1(a), art 3.1(b) and art. 3.2 of R&TTE Directive 1999/5/EC. The opinion does not guarantee the compliance with any specified (air) interface or allowance of usage of the equipment.

On behalf of TÜV Rheinland Nederland B.V.

Signature

Name : P. de Beer

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TÜV Rheinland Nederland B.V. is a registered company at the Chamber of Commerce with number 27288788

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**LETTER OF OPINION**