



# **Gobi™2000 Module IC RSS 132/133 Report**

**80-VN379-306 Rev. A**

**January 19, 2008**

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**Submit technical questions to:  
regulatory.support@qualcomm.com**

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QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, CA 92121-1714  
U.S.A.

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2009.07.22 at 12:10:11 PDT  
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## 1. Test Report Cover Sheet

COMPANY NUMBER: 2723A

MODEL NUMBER: Gobi2000

MANUFACTURER: Qualcomm Incorporated

TESTED TO RADIO STANDARDS SPECIFICATIONS (RSS) NO.: 132 Issue 2 and 133 Issue 4

OPEN AREA TEST SITE INDUSTRY CANADA NUMBER: 2420B-1

FREQUENCY RANGE: 824 – 894 MHz, 1850 – 1990 MHz

R.F POWER (Conducted) IN WATTS: 0.290W CDMA850; 0.291 CDMA1900; 0.262W WCDMA850; 0.256W WCDMA1900; 1.919W GSM850; 0.875W GSM1900

FIELD STRENGTH (at what distance): 21.74dBm (ERP) CDMA850; 25.43dBm (EIRP) CDMA1900; 22.44dBm (ERP) WCDMA850; 24.36dBm (EIRP) WCDMA1900; 31.94dBm (ERP) GPRS850; 30.73dBm (EIRP) GPRS1900; 27.14dBm (ERP) EDGE850; 28.63dBm (EIRP) GPRS1900

OCCUPIED BANDWIDTH (99% OBW): 1.25MHz CDMA, 5MHz WCDMA, 270kHz GSM

TYPE OF MODULATION: CDMA, WCDMA, GPRS, EDGE

EMISSION DESIGNATOR (TRC-43): 248KGXW, 250KG7W, 1M28F9W, 4M19F9W

TRANSMITTER SPURIOUS (worst case): -18.73dBm @3817 MHz, CDMA1x 850

RECIEVER SPURIOUS (worst case): 30.9 dBuV/m @45.9 MHz WCDMA1900

**ATTESTATION:** I attest that the testing was performed or supervised by me; that the test measurements were made in accordance with the above-mentioned departmental standard(s), and that the radio equipment identified in this application has been subject to all the applicable test conditions specified in the departmental standards and all the requirements of the standards have been met.

Signature:



Date: January 19, 2008

NAME AND TITLE (Please print or type):

John Forrester  
Senior Staff Engineer

## 2. Test Summary/Reference Sheet

RSS 133 Section	Description	Document Location	Report section
6.2	Types of Modulation	Gobi2000 Operation Description and IC Documentation	6.13
6.3	Frequency Stability	Gobi2000 FCC Part 22 & 24 Conducted Test Report	8
6.4	Transmitter Output Power	Gobi2000 Industry Canada Radiated Test Report	4
6.5.1	Out-of-Band Emission	Gobi2000 FCC Part 22 & 24 Conducted Test Report	6, 7
6.7	Receiver Spurious Emissions	Gobi2000 Industry Canada Receiver Spurious Emissions Report	--
5.8	Exposure of Human to Radio Frequency (RF) Fields	Gobi2000 Industry Canada MPE Evaluation	All

RSS 132 Section	Description	IC Report Section	Report section
4.2	Types of Modulation	Gobi2000 Operation Description and IC Documentation	6.13
4.3	Frequency Stability	Gobi2000 FCC Part 22 & 24 Conducted Test Report	8
4.4	Transmitter Output Power	Gobi2000 Industry Canada Radiated Test Report	4
4.5.1	Out-of-Band Emission	Gobi2000 FCC Part 22 & 24 Conducted Test Report	6, 7
4.6	Receiver Spurious Emissions	This document 3; Gobi2000 Industry Canada Receiver Spurious Emissions Report	--

### 3. Receiver Spurious Emissions

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IC §10, RSS-132 §4.6, RSS-133 §6.7  
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**Measurement Procedures:**

The receiver radiated spurious emission test was performed at Nemko USA, Inc in San Diego, California. The test report is attached in Exhibit 12.

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## 4. List of Industry Canada Documents

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Application Cover Letter

Confidentiality Request

Annex A-RF Technical Brief Cover Sheet

Application and Agreement for Certification Services

TL80-VN379-3 Gobi2000 Industry Canada Certification Submission Package

TL80-VN379-6 Gobi2000 Industry Canada Certification Test Reports

80-VN379-301 Industry Canada Correspondence

80-VN379-307 Gobi2000 Operation Description and IC Documentation

80-VN379-306 Gobi2000 IC RSS 132/133 Report

80-VN379-302 Gobi2000 Industry Canada Part 22 & 24 Conducted Test Report

MH80-VN379-303 Gobi2000 Industry Canada Receiver Spurious Emissions Report

MH80-VN379-204 Gobi<sup>TM</sup>2000 FCC Part 22 & 24 Radiated Test Report

80-VN379-305 Gobi2000 Industry Canada MPE Evaluation

80-VN379-206 Gobi2000 Regulatory Internal Photos

80-VN379-207 Gobi2000 Regulatory External Photos

80-VN379-208 Gobi2000 FCC Regulatory Label

80-VK890-3\_A Gobi2000 User Guide

80-VN379-211 Gobi2000 Regulatory Block Diagram

80-VN379-212 Gobi2000 Parts List

LD20-VH191 Gobi2000 Schematic