Flom Test Labs
EMI, EMC, RF Testing Experts Since 1963
toll-free: (866) 311-3268
fax: (480) 926-3598
http://www.flomlabs.com
info@flomlabs.com

Date: March 22, 2007

Applicant: Novatel Wireless Technologies Ltd.
Suite 325, 6715 8th Street NE
Calgary, AB T2E7H7

Mailing: Novatel Wireless Technologies Ltd.
Suite 325, 6715 8th Street NE
Calgary, AB T2E7H7

Attention of: Shaun Gray, Certification Technologist
403-295-4822
E-mail: sgray@nvtl.com

Equipment: NBZNRM-EU860D Collocated QDS-BRCM1019 802.11.a,b,g
FCC ID: NBZNRM-EU860D
FCC Rules: Radio Frequency Radiation Exposure Limits
47 CFR 1.1310
MPE - Mobiles ___X___ Fixed Based Station _____

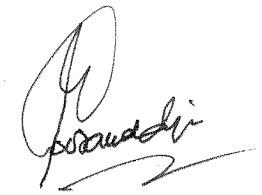
Gentlemen:

Enclosed please find your copy of the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

Please allow from 8-12 weeks to hear from the Commission, who may request additional data or information, and even a sample for pre-grant audit testing.

Should you need any clarification, just fax or phone. Thank you again for this order - it has been a pleasure to be of service.

Sincerely yours,



Hoosamuddin S. Bandukwala, Lab Director

enclosure(s)
HSB/jhe

Flom Test Labs
3356 N. San Marcos Place, Suite 107
Chandler, Arizona 85225-7176
(866) 311-3268 phone, (480) 926-3598 fax

p0730004, d0730057

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Date: March 22, 2007

Federal Communications Commission
Via: Electronic Filing

Attention: Authorization & Evaluation Division

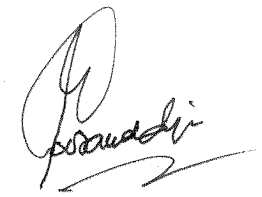
Applicant: Novatel Wireless Technologies Ltd.
Equipment: NBZNRM-EU860D Collocated QDS-BRCM1019 802.11.a,b,g
FCC ID: NBZNRM-EU860D
FCC Rules: Radio Frequency Radiation Exposure Limits
47 CFR 1.1310
MPE - Mobiles ___X___ Fixed Based Station _____

Gentlemen:

On behalf of the Applicant, enclosed please find the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

We trust the same is in order. Should you need any further information, kindly contact the writer who is authorized to act as agent.

Sincerely yours,



Hoosamuddin S. Bandukwala, Lab Director

enclosure(s)
cc: Applicant
HSB/jhe

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Environmental Assessment

for

Mobiles

for

FCC ID: FCC ID: NBZNRM-EU860D

Model:NBZNRM-EU860D

to

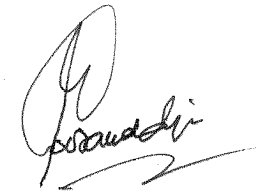
Federal Communications Commission

47 CFR 1.1310 (MPE)

Radio Frequency Radiation Exposure Limits

Date Of Report: March 22, 2007

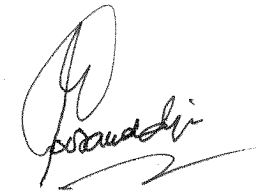
On the Behalf of the Applicant:	Novatel Wireless Technologies Ltd.
At the Request of:	Novatel Wireless Technologies Ltd. Suite 325, 6715 8th Street NE Calgary, AB T2E7H7
Attention of:	Shaun Gray, Certification Technologist 403-295-4822 E-mail: sgray@nvtl.com



Supervised By: Hoosamuddin S. Bandukwala, Lab Director

Table of Contents

Required information per ISO/IEC Guide 25-1990, paragraph 13.2:

a)	**Test Report (Supplemental)**
b) Laboratory: (FCC: 31040/SIT) (Canada: IC 2044)	Flom Test Labs 3356 N. San Marcos Place, Suite 107 Chandler, AZ 85225
c) Report Number:	d0730057
d) Client:	Novatel Wireless Technologies Ltd. Suite 325, 6715 8th Street NE Calgary, AB T2E7H7
e) Identification: Description:	NBZNRM-EU860D FCC ID: NBZNRM-EU860D Laptop with GSM and 802.11 a,b,g
f) EUT Condition:	Not required unless specified in individual tests.
g) Report Date:	March 22, 2007
h, j, k):	As indicated in individual tests.
i) Sampling method:	No sampling procedure used.
l) Uncertainty:	In accordance with MFA internal quality manual.
m) Supervised by:	 Hoosamuddin S. Bandukwala, Lab Director
n) Results:	The results presented in this report relate only to the item tested.
o) Reproduction:	This report must not be reproduced, except in full, without written permission from this laboratory.

Identification of the Equipment Under Test (EUT)

Name and Address of Applicant:	Novatel Wireless Technologies Ltd. Suite 325, 6715 8th Street NE Calgary, AB T2E7H7
Manufacturer:	Novatel Wireless Technologies Ltd. Suite 325, 6715 8th Street NE Calgary, AB T2E7H7
FCC ID:	NBZNRM-EU860D
Model Number:	NBZNRM-EU860D
Description:	Laptop with GSM and 802.11 a,b,g
Type of Emission:	GSM and 802.11 a,b,g
Frequency Range, MHz:	842 - 848 and 1850 - 1909
Power Rating, Watts:	0.79

____ Switchable ____ Variable __X__ N/A

Modulation:

____	AMPS
____	TDMA
X	GSM
X	OTHER

Antenna:

____	Helical
____	Monopole
____	Whip
X	Other

Note: For RF Safety test antenna gain taken at the upper range of expected gain (i.e. 0 dBd) and RF Power set to highest nominal power across all channels.

A2LA

"A2LA has accredited Flom Test Labs, Inc. Chandler, AZ for technical competence in the field of Electrical testing. The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO 17025:2005 'General Requirements for the Competence of Testing and Calibration Laboratories' and any additional program requirements in the identified field of testing."

Please refer to www.a2la.org for current scope of accreditation.

Certificate number: 2152.01

Standard Test Conditions
and
Engineering Practices

Except as noted herein, the following conditions and procedures were observed during the testing:

In accordance with ANSI C63.4-1992/2000, section 6.1.9, and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 10° to 40°C (50° to 104 °F) unless the particular equipment requirements specify testing over a different temperature range. Also, unless otherwise indicated, the humidity levels were in the range of 10% to 90% relative humidity.

Prior to testing, the EUT was tuned up in accordance with the manufacturer's alignment procedures. All external gain controls were maintained at the position of maximum and/or optimum gain throughout the testing.

Measurement results, unless otherwise noted, are worst-case measurements.

Name of Test:	Environmental Assessment	
Specification:	FCC: 47 CFR 1.1310	
Measurement Guide:	ANSI/IEEE C95.1 1992	
Name of Test:	R.F. Radiation Exposure	
FCC Rules:	1.1307, 1.1310, 1.1311, 2.1091	
Description, EUT:	See page 2 of Test Report	
Limits: Uncontrolled Exposure	0.3-1.234 MHz:	Limit [mW/cm^2] = 100
47 CFR 1.1310	1.34-30 MHz:	Limit [mW/cm^2] = ($180/f^2$)
Table 1, (B)	30-300 MHz:	Limit [mW/cm^2] = 0.2
	300-1500 MHz	Limit [mW/cm^2] = f/1500
	1500-100,000 MHz:	Limit [mW/cm^2] = 1.0
Limit Calculations	$Limit_{[mW/cm2]}$ = 0.549	
Test Frequencies, MHz	1851 - 1908	
Power, Conducted, mW	= 790	
Antenna Gain	= 3 dBi	
Antenna Model	Planer Inverted F Antenna	
Distance cm	20	
Limit Calculations	$Limit_{[mW/cm2]}$ = 1.0	

NBZNRM-EU860D GSM

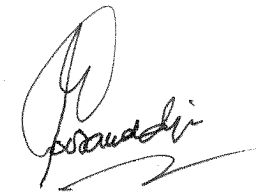
GSM Frequency MHz	TX Power (m)W	Power Density (mW/cm^2)	Limit (mW/cm^2)	Result
824 – 848	790	0.314	0.549	Pass
1851 - 1908	760	0.302	1.0	Pass

QDS-BRCM1019 802.11.a,b,g

802.11 a,b,g Frequency MHz	TX Power (mW)	Power Density (mW/cm^2)	Limit (mW/cm^2)	Result
2412 - 2472	433	0.172	1.0	Pass
5745 - 5825	233	0.093	1.0	Pass

EU860 GSM Collocated QDS-BRCM1019 802.11.a,b,g

GSM Frequency MHz	802.11.a,b,g Frequency MHz	GSM Power Density (mW/cm^2)	802.11.a,b,g Power Density (mW/cm^2)	Total Power Density (mW/cm^2)	Limit (mW/cm^2)	Result
824 – 848	2412 – 2472	0.314	0.172	0.486	0.549	Pass
824 – 848	5745 - 5825	0.314	0.093	0.407	0.549	Pass
1851 - 1908	2412 – 2472	0.302	0.172	0.474	1.0	Pass
1851 - 1908	5745 - 5825	0.302	0.093	0.395	1.0	Pass



Supervised By: Hoosamuddin S. Bandukwala, Lab Director

Flom Test Labs
EMI, EMC, RF Testing Experts Since 1983

Testimonial
and
Statement of Certification

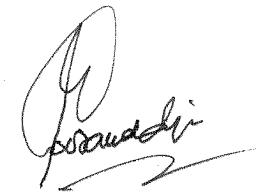
This is to certify that:

1. **That** the application was prepared either by, or under the direct supervision of, the undersigned.

2. **That** the technical data supplied with the application was taken under my direction and supervision.

3. **That** the data was obtained on representative units, randomly selected.

4. **That**, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.



Certifying Engineer: Hoosamuddin S. Bandukwala, Lab Director

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