
To: John Spall

Subject: R

From: John Spall

Sent: Friday, November 21, 2008 5:49 PM

Subject: FW: FCC Equipment Authorization System

Hello Greg/Courtenay,

Hope you are both well...

Below please find answers/information to the below FCC requests for data on the Novatel Wireless PKRNVWMC1000:

Thanks

john

From: oetech@fccsun27w.fcc.gov

Sent: Friday, November 14, 2008 3:03 PM

Subject: FCC Equipment Authorization System



Office of Engineering and Technology

To: John Spall, Novatel Wireless Inc
jspall@nvtl.com

From: Diane Poole
Diane.Poole@fcc.gov

Re: FCC ID: PKRNVWMC1000

Applicant: Novatel Wireless Inc

Correspondence Reference Number: 36691

Form 731 Confirmation Number: EA789086

Date of Original E-mail: 11/14/2008

1) SAR setup photo pg 258 of 308 "Vertical - Left Side Installed in HP Laptop" appears to show device broad face parallel to phantom rather than device edge parallel - please explain and/or revise all applicable parts of filing where appropriate

NOVATEL Response: (3) Updated SAR report/picture documents have been uploaded to the PCTEST TCB site: PKRNVWMC1000

2) Exhibit "USB MC760: Insert-able warning sheet" seems incorrect to state 12 mm is 0.43 inches - should be 0.47 inches; please revise accordingly; also related fractional number

NOVATEL Response: An updated Caution/Warning sheet has been uploaded to the PCTEST TCB site: PKRNVWMC1000

3) The single op. desc. exhibit in this filing describes the vendor-furnished integrated RF unit - please provide op. desc. details about specific functionality, features, antennae, etc implemented within this device [47 CFR 2.1033 etc]

NOVATEL Response: An updated MC1000 Operational Description has been uploaded to the PCTEST TCB site: PKRNVWMC1000

An updated Long Term Confidentiality Letter has also been uploaded.

4) Form 731 as submitted has only two line entries each for 22H and 24E operations (i.e. GSM, WCDMA); however line entries are also need for EDGE and cdma2000 modes - please provide summary listing of all parameters (measured radiated power, etc) for requested grant line entries for all modes

NOVATEL Response: PCTEST TCB has agreed to handle this issue.

5) The measured output power for HSDPA and HSUPA do not indicate any power reduction for the sub-test configurations where MPR are identified. Please explain how MPR is implemented for this device, according to 3GPP recommendations, and clarify and/or revise any discrepancies where appropriate. (for example test report on file in record FCCID J9CUNDP-1 has expected power differences across subtests.)

NOVATEL Response: A set of answers previously sent to the FCC in regard to the PKRNVWMC1000 (MC1000) are included.

Response #7 previously discussed this issue and was accepted by the FCC.

6) Fyi-only to SAR lab - please ensure to correct these for future submissions: - pg 9 of 308 mentions inappropriate term "calibration" for liquid - pg 18 of 308 5% deviation of SAR or conducted power - sec. 12.2 appears to repeat FCC 3G SAR procedures for 3GPP2 family devices; for consistency should also include similar info for 3GPP procedures, where applicable such as herein - Please ensure appropriate liquid parameters are used in probe calibrations and reference dipole characterizations.

NOVATEL Response: Information has been passed on to our SAR testing lab.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee pursuant to Section 1.1108

DO NOT Reply to this email by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at www.fcc.gov, E-Filing, OET Equipment Authorization Electronic Filing, Submit Correspondence, Select Correspondence pertaining to EAS (Equipment Authorization System). Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the email address listed below the name of the sender.