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Meru

NETWORKS

voice. data. wireless. Become one.

May 17, 2005

To:
Elliott Laboratories
684 W. Maude Ave.
Sunnyvale, CA 94085

Dear Sir/Madam,

Re: Project and Product Certification Representative Authorization Letter

We, Meru Networks, Inc., hereby authorize Elliott Laboratories to act as a laboratory for testing and test report generation for the following project(s):

Meru Networks AP208 Dual Radio 802.11a/b/g Access Point
FCC ID: RE7-AP200
TCB Permissive Change to allow dual simultaneous transmission

We affirm that between Elliott Laboratories and Meru Networks, Inc. any difference in understanding, including test plan, measurement methods, applicable standards and relevant procedures and processes have been resolved prior to commencement of testing activities.

We also hereby authorize Juan Martinez or David Bare (Representative of Elliott Laboratories) to act as Agent on our behalf in all matters relating to product certification submittal to American TCB, as a Certification Body for the purpose of performing product certification services for the above listed project(s).

Sincerely,



Paul D. Chapman
Senior RF Design Engineer



Elliott Laboratories Inc.
www.elliottlabs.com

684 West Maude Avenue
Sunnyvale, CA 94086-3518

408-245-7800 Phone
408-245-3499 Fax

April 26, 2005

American TCB
6731 Whittier Ave.
Suite C110
McLean VA. 22101

Gentlemen:

The enclosed documents constitute a formal submittal and application for a Class II permissive change pursuant to Subparts C and E of Part 15 of FCC Rules (CFR 47) regarding intentional radiators. Data within this report demonstrates that the equipment tested complies with the FCC limits for intentional radiators.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is enclosed.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,

A handwritten signature in green ink that reads "Mark Briggs".

Mark Briggs
Vice President of Engineering

MB/jls

Enclosures: Agent Authorization Letter
 Emissions Test Report with Exhibits



May 17, 2005

Federal Communications Commission
Authorization and Evaluation Division

Description of changes involved in TCB Permissive Change for FCC ID: RE7-AP200

There is absolutely no change in the physical hardware, radio design, or PCB layouts of the Meru AP208 (FCC ID: RE7-AP200).

What has changed, is adding software functionality to permit the simultaneous operation of both radios, including simultaneous dual transmit functionality in the same frequency band, whereas, previously, only radio #1 was enabled, via software, to transmit. Radio #2 previously had Receive-only functionality.

The information being transmitted is not correlated between the two radios, and, additionally, the new software also prevents both radios from operating on the same channel.

Due to lack of same-band RF isolation (especially when the standard dipole antennas that mount on the product chassis are used), typically, one radio will be operating on the 2.4 GHz band, and the other will be operating on 5 GHz, though some users may utilize both radios on the same WLAN frequency band (i.e., Channels 1 & 11, for 802.11b or g, 2.4 GHz).

The Theory of Operation document has been updated to include this new functionality.

Sincerely,

A handwritten signature in black ink that reads "Paul D. Chapman". The signature is fluid and cursive, with the first name "Paul" being the most prominent.

Paul D. Chapman
Senior RF Design Engineer



May 17, 2005

Federal Communications Commission
Authorization and Evaluation Division

Confidentiality Request regarding application for TCB Permissive Change of
FCC ID: RE7-AP200

Pursuant to Sections 0.467 and 0.459 of the Commission's Rules, we hereby request
Confidential treatment of information accompanying this application outlined below:

Theory of Operation

The above materials contain trade secrets and proprietary information not customarily
released to the public. The public disclosure of the materials may be harmful to the applicant
and provide unjustified benefits to its competitors.

The applicant understands that pursuant to Section 0.457 of the Rules, disclosure of this
application and all accompanying documentation will not be made before the date of the
Grant for this application.

Sincerely,

A handwritten signature in black ink that reads "Paul D. Chapman". The signature is written in a cursive style with a large, stylized "P" and "C".

Paul D. Chapman
Senior RF Design Engineer