

From: Paxman, Robert
Sent: Wednesday, February 07, 2007 1:35 PM
To: 'Andrew.Leimer@fcc.gov'
Subject: RE: FCC ID: PD94965AG, 731 Confirmation Number: TC772780

Hello Mr. Leimer,

Below are the answers to your questions concerning this filing.
I will also forward this email and an attestation letter in regards to this topic to our TCB to upload.

1) The Operational Description (Specifications) indicate that this device has ad-hoc mode. Does the ad-hoc mode operate on the DFS frequency bands? If yes, submit an updated DFS test report with all tests required for a master device.

[Answer] This device only has Adhoc mode in the Non DFS frequency bands (DTS bands). In the UNII Spectrum of usage 5.25 - 5.35GHz this device only passive scans and can only operate in client mode. This product is disabled in the 5.47 - 5.725GHz spectrum. This information and these settings are programmed into the EEPROM and can not be changed by the end user.

2) This device is also a modular approval. This is generally not permitted since the host enclosure might provide additional attenuation to the antenna receive thus changing the DFS receive threshold. Explain how this device complies with the DFS modular policy.

[Answer] As stated above, in UNII Spectrum this device operates in client mode only, therefore radar detection is not required but meeting the client requirements is required as shown by the DFS Test Report uploaded during the filing. This device operates as such independent of integration due to above mentioned EEPROM programming.

3) The Grant condition states that a lesser antenna gain can be used with this device. Not true for DFS. Correct the Grant condition to reflect the minimum antenna gain that can be used to obtain the correct radar detection threshold.

[Answer] As stated above, in UNII Spectrum this device operates in client mode only, therefore radar detection is not required but meeting the client requirements is required as shown by the DFS Test Report uploaded during the filing.

4) Explain the security precautions used to prevent non-US operation for both frequency range and DFS compliance.

[Answer] This device only has Adhoc mode in the Non DFS frequency bands (DTS bands). In the UNII Spectrum this device only passive scans and can only operate in client mode. This information and these settings are programmed into the EEPROM and can not be changed by the end user.

Best Regards

Robert Paxman
Intel Corporation

Desk: 503-712-8077
Robert.Paxman@Intel.com

-----Original Message-----

From: Generic Office of Engineering Technology [mailto:oetech@fccsun27w.fcc.gov]
Sent: Wednesday, February 07, 2007 12:43 PM
To: Paxman, Robert
Subject: FCC Equipment Authorization System

To: Robert Paxman
From: Andrew Leimer
Andrew.Leimer@fcc.gov
FCC Equipment Authorization Branch

Re: FCC ID: PD94965AG

Applicant: Intel Corporation
Correspondence Reference Number: 35937
731 Confirmation Number: TC772780
Date of Original Email: 02/07/2007

Subject: FCC Equipment Authorization System

- 1) The Operational Description (Specifications) indicate that this device has ad-hoc mode. Does the ad-hoc mode operate on the DFS frequency bands? If yes, submit an updated DFS test report with all tests required for a master device.
- 2) This device is also a modular approval. This is generally not permitted since the host enclosure might provide additional attenuation to the antenna receive thus changing the DFS receive threshold. Explain how this device complies with the DFS modular policy.
- 3) The Grant condition states that a lesser antenna gain can be used with this device. Not true for DFS. Correct the Grant condition to reflect the minimum antenna gain that can be used to obtain the correct radar detection threshold.
- 4) Explain the security precautions used to prevent non-US operation for both frequency range and DFS compliance.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal pursuant to Section 2.917(c).

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 TCB Electronic Filing, TCB Login. If the response is submitted through Add Attachments, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. 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 e-mail address listed below the name of the sender.