Dear Tim,
Here are our answers,

1) FYI..In the future, on 731 form please list actual center channels of the frequency band and not simply the band of operation for 802.11a emissions (5180 - 5320, 5745 - 5825).
Ans: Thanks for the information.

2) Please note that 15.247 power appears to follow an average test method. Therefore all emissions are required to be 30 dB down (not 20 dB) as cited in other areas of the report (i.e. spurious, bandedge, etc. - although it appears this may have only been applied for band edge Section 8.6, 8.13, 8.20). Note that page 48 suggests 30 dB may not be compliant. Please review/correct.
Ans: Please refer to the updated report.

3) Test results for 802.11g bandwidth clearly shows an 802.11b waveform in section 8.10. Please confirm that 802.11g is working properly and also correct any necessary tests affected.
Ans: Please refer to the updated report.

4) Note that a reading in section 4.1.15 for average actually shows a value in excess of 54 dBuV/m at 7229 MHz. Please review.
Ans: Please refer to the updated report.

5) Power excursion appears to use method 3 from the UNII Public Notice, when it should follow what was used to measure power (method 1).
Ans: Please refer to the updated report.

6) Section 7.1.24 does not appear to be calculated properly. Please review.
Ans: Please refer to the updated report.

7) Please provide information regarding compliance to 15.407(c). If this information has already been provided, kindly show where this information is located.
Ans: The indoor use wording have been added on page 113(b-6)

DFS Related:
8) Operational description states the Architecture may use Infrastructure or ad hoc (peer-to-peer). This conflicts with the DFS report. Please review. Note that TCB's may only process devices that operate in 5250 - 5350 and/or 5470 - 5725 MHz that are clients only (no ad-hoc or peer-to-peer). Please review.
Ans: I have contacted Intel, and got their grant with remarks as following (refer to last page for the grant)
This device complies with the Dynamic Frequency Selection (DFS) requirements of Report andOrder FCC 03-287 as a Client only without Radar Detection

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9) Users Manual information does not appear to clearly define (for USA) that the device may only be used indoors for 5150-5250 MHz.
Please review.
Ans: The indoor use wording have been added on page 113(b-6)

10) 1) How is DFS software/firmware protected to ensure
users do not have access to DFS settings. Additionally, for USA, devices may not have country selection as this would not be allowed under 15.15.
Please explain and also clarify how users are prevented from disabling DFS and/or transmitting in frequencies not authorized in United States?
Ans: same as item 8

11) Please submit expanded plots for the channel transmission closing time demonstrating that the device vacates the channel in the required 200 ms. these plots should not have a sweep greater than 600 ms.
Ans: Please see report page 16, T1 denote the Radar signal, T2 denote the 200th ms from T1 and there are some traffic signal located between T2 and T3. So that the channel closing transmission time did not less than 200ms and then 600ms plot is not necessary.

Please review

Daphne 3/16/07

TCB

GRANT OF EQUIPMENT AUTHORIZATION

TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

American TCB, Inc.
6731 Whittier Avenue Suite C110
McLean, VA 22101

Date of Grant: 11/07/2006
Application Dated: 11/06/2006

Intel Corporation
2111 NE 25th Avenue
JF3-302
Hillsboro, OR 97124

Attention: Robert Paxman , Sr. Compliance Engineer

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: PD9WM3945ABG
Name of Grantee: Intel Corporation
Equipment Class: Unlicensed National Information Infrastructure TX
Notes: Intel PRO/Wireless 3945ABG Network Connection

Grant Notes	FCC Rule Parts	Frequency Range (MHZ)	Output Watts	Frequency Tolerance	Emission Designator
	15E	5180.0 - 5240.0	0.048		
	15E	5260.0 - 5320.0	0.068		

Power Output listed is Conducted. Modular approval. This module is approved for use in mobile only configurations. This module must be installed by the OEM or OEM integrator. Instructions on installation of this module may not be provided to the end user. Only those antenna(s) tested with the device or similar antenna(s) with equal or lesser gain may be used with this transmitter. This transmitter is restricted to indoor use in the 5150MHz to 5250MHz frequency range. The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

This device complies with the Dynamic Frequency Selection (DFS) requirements of Report andOrder FCC 03-287 as a Client only without Radar Detection.