Exhibit H: Occupied Bandwidth

FCC ID: EJM-X400

Justification

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. While scanning the radiated emissions, all of the EUT parameters listed below were investigated. This includes, but may not be limited to, antennas, tuned transmit frequency ranges, operating modes, and data rates.

Channels in Specified Band Investigated:
High
Mid
Low

Operating Modes Investigated:
Typical

Data Rates Investigated:
Maximum

Output Power Setting(s) Investigated:
Maximum

Power Input Settings Investigated:
120 VAC, 60 Hz.

Software\Firmware Applied During Test			
Exercise software	Standard Production Software	Version	2.1.0.104-4400
Description			
The system was tested using standard operating production software to exercise the functions of the device during the testing. The software resides in Flash on the baseboard of the EUT.			

Equipment Modifications

No EMI suppression devices were added or modified. The EUT was tested as delivered.

EUT and Peripherals

Description	Manufacturer	Model/Part Number	Serial Number
Radio Module	Intel Corporation	WL-350F V05	00904B0A83FD
EUT	Intel Corporation	AnyPoint DSL Gateway 4400	0007E9036749
PC	Dell	Inspiron 7000	9043346BY16251A
EUT Power Supply	CUI Stack	TEAD-48-121200UT	0210

Occupied Bandwidth

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
CAT 5 E-net	No	2.0	No	EUT	PC
DC Power	No	1.5	No	EUT Power Supply	EUT
AC Power	No	1.8	No	EUT Power Supply	AC Mains

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

Measurement Equipment

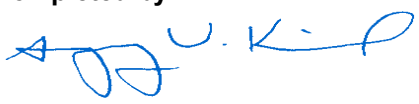
Description	Manufacturer	Model	Identifier	Last Cal	Interval
Spectrum Analyzer	Tektronix	2784	AAO	03/08/2001	24 mo

Test Description

Requirement: Per 47 CFR 15.247(a)(2), the 6 dB bandwidth of a direct sequence channel must be at least 500kHz. The measurement is made with the spectrum analyzer's resolution bandwidth set to 100kHz, and the video bandwidth set to greater than or equal to the resolution bandwidth.

Configuration: The 4400 and 1400 use the same radio module, antennas, power supply, base board layout, and enclosure. The difference is the 4400 has a DSL interface, and the 1400 has an Ethernet interface. Since the radio module is the same, the test was performed in a representative system: the 4400. The occupied bandwidth was measured with the EUT set to low, medium, and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and the spectrum analyzer. The EUT was transmitting at its maximum data rate using direct sequence modulation.

Completed by:



NORTHWEST EMC

EMISSIONS DATA SHEET

Rev BETA 01/30/01

EUT:	AnyPoint DSL Gateway 4400			Work Order:	INTE4561
Serial Number:	0007E9036749			Date:	05/21/02
Customer:	Intel Corporation			Temperature:	21 degrees C
Attendees:	Mike Espig	Tested by:	Greg Kiemel	Humidity:	39% RH
Customer Ref. No.:	N/A	Power:	120V, 60 Hz	Job Site:	EV06

TEST SPECIFICATIONS

Specification:	47 CFR 15.247(a)(2)	Year:	Most Current	Method:	FCC 97-114, ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

COMMENTS

WL-350F installed in EUT.

EUT OPERATING MODES

Modulated by stream of "1010101" data at maximum data rate, maximum output power

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

The minimum 6dB bandwidth of the channel is 500KHz

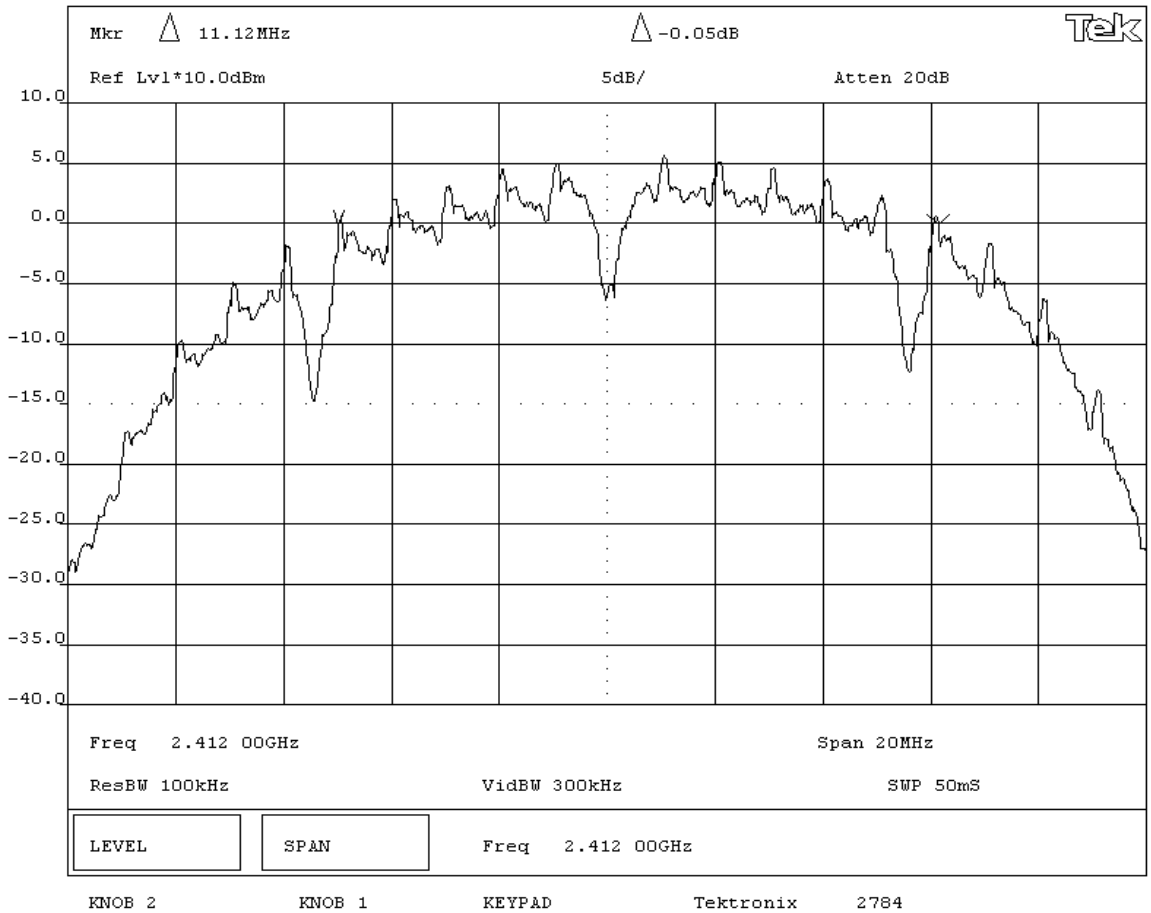
RESULTS	BANDWIDTH
Pass	11.12 MHz

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST

Occupied Bandwidth - Low Channel



NORTHWEST EMC

EMISSIONS DATA SHEET

Rev BETA 01/30/01

EUT:	AnyPoint DSL Gateway 4400			Work Order:	INTE4561
Serial Number:	0007E9036749			Date:	05/21/02
Customer:	Intel Corporation			Temperature:	21 degrees C
Attendees:	Mike Espig	Tested by:	Greg Kiemel	Humidity:	39% RH
Customer Ref. No.:	N/A	Power:	120V, 60 Hz	Job Site:	EV06

TEST SPECIFICATIONS

Specification:	47 CFR 15.247(a)(2)	Year:	Most Current	Method:	FCC 97-114, ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

COMMENTS

WL-350F installed in EUT.

EUT OPERATING MODES

Modulated by stream of "1010101" data at maximum data rate, maximum output power

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

The minimum 6dB bandwidth of the channel is 500KHz

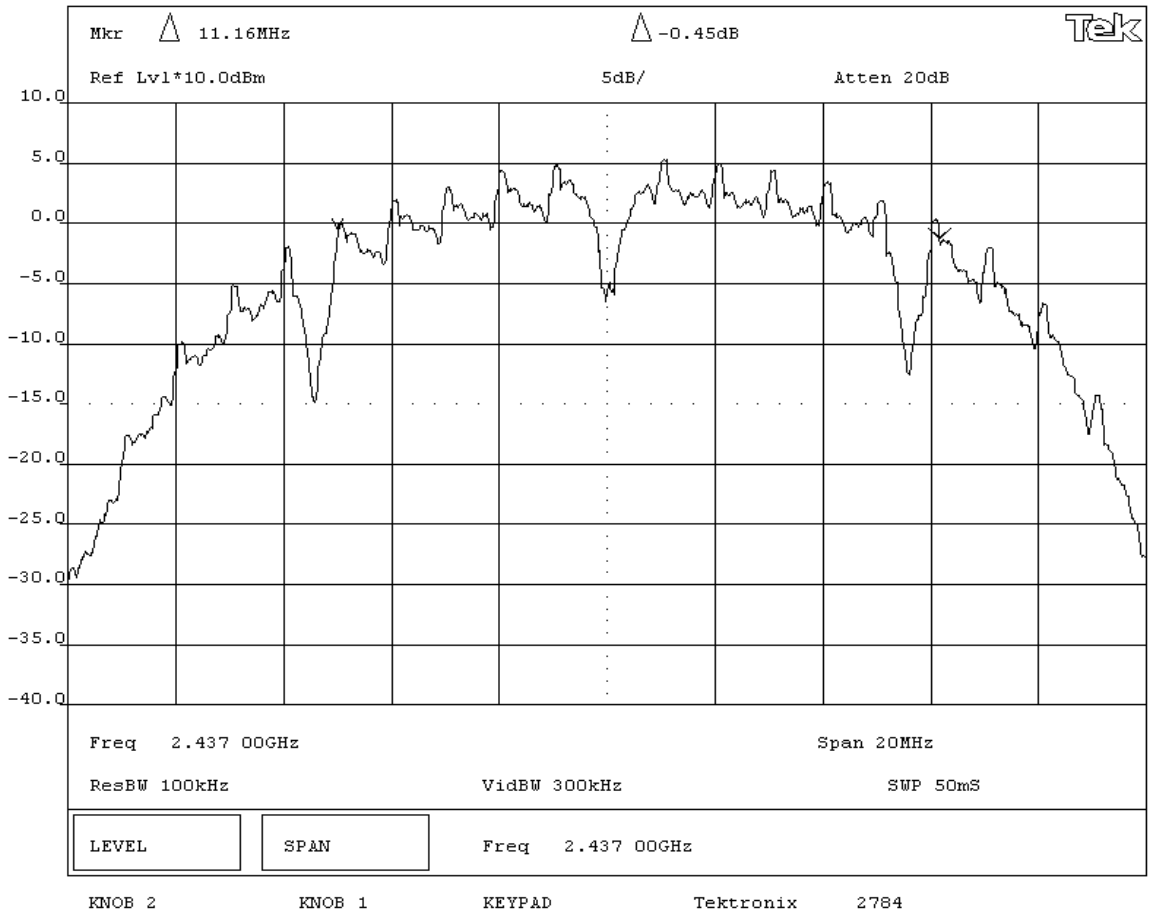
RESULTS	BANDWIDTH
Pass	11.16 MHz

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST

Occupied Bandwidth - Mid Channel



NORTHWEST EMC

EMISSIONS DATA SHEET

Rev BETA 01/30/01

EUT:	AnyPoint DSL Gateway 4400			Work Order:	INTE4561
Serial Number:	0007E9036749			Date:	05/21/02
Customer:	Intel Corporation			Temperature:	21 degrees C
Attendees:	Mike Espig	Tested by:	Greg Kiemel	Humidity:	39% RH
Customer Ref. No.:	N/A	Power:	120V, 60 Hz	Job Site:	EV06

TEST SPECIFICATIONS

Specification:	47 CFR 15.247(a)(2)	Year:	Most Current	Method:	FCC 97-114, ANSI C63.4	Year:	1992

SAMPLE CALCULATIONS

COMMENTS

WL-350F installed in EUT.

EUT OPERATING MODES

Modulated by stream of "1010101" data at maximum data rate, maximum output power

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

The minimum 6dB bandwidth of the channel is 500KHz

RESULTS	BANDWIDTH
Pass	11.08 MHz

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST

Occupied Bandwidth - High Channel