Test Report

Product Name ： ASUS EZ N Network Adapter
Model No. ： USB-N10
FCC ID. ： MSQ-USBN10

Applicant ： ASUSTeK COMPUTER INC.
Address ： No.150, Li-Te Rd., Peitou, Taipei 112, Taiwan

Date of Receipt ： 2009/09/17
Issued Date ： 2009/10/01
Report No. ： 099366R-RFUSP42V01
Report Version ： V1.0

Test Report Certification

Issued Date : 2009/10/01
Report No. : 099366R-RFUSP42V01

QuieTek

Product Name	:	ASUS EZ N Network Adapter
Applicant	:	ASUSTeK COMPUTER INC.
Address	:	No.150, Li-Te Rd., Peitou, Taipei 112, Taiwan
Manufacturer	:	Compal Networking (KunShan) Co., Ltd.
Model No.	:	USB-N10
FCC ID.	:	MSQ-USBN10
Rated Voltage	:	DC 5V (Power by PC)
EUT Voltage	:	DC 5V (Power by PC)
Trade Name	:	ASUS
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247:2008
Test Result	:	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : Carol Tsai
(Carol Tsai / Engineering Adm. Specialist)

Reviewed By : Sheena Huang
(Sheena Huang / Engineer)

Approved By : Roy Wang
(Roy Wang / Manager)

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1. General Information

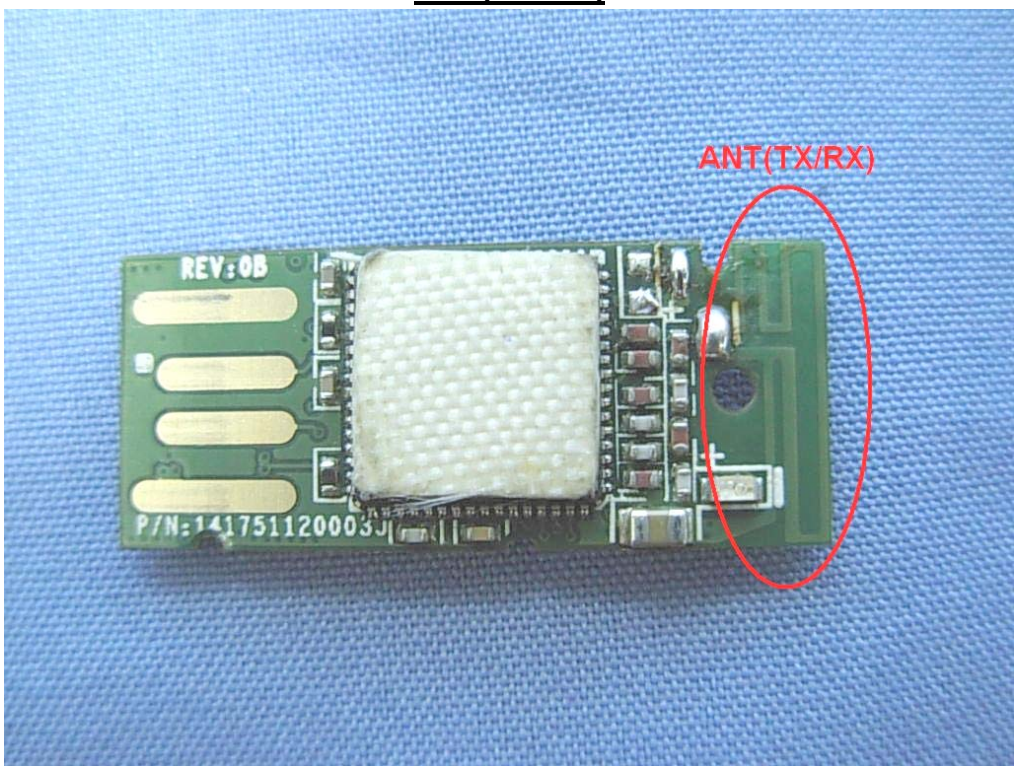
1.1. EUT Description

Product Name	ASUS EZ N Network Adapter
Product Type	WLAN (1TX, 1RX)
Trade Name	ASUS
Model No.	USB-N10
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)	2412~2462MHz
Frequency Range- IEEE 802.11n (40MHz)	2422~2452MHz
Channel Number (IEEE 802.11b/g & IEEE 802.11n (20MHz))	11
Channel Number- IEEE 802.11n (40MHz)	7
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n
Antenna Gain	-0.86dBi
Channel Control	Manual
Antenna Type	Printed

ANT-TX / Rx & Bandwidth

ANT-TX / Rx	TX		Rx	
Mode/ Channel Bandwidth	20MHz	40MHz	20MHz	40MHz
IEEE802.11b	✓		✓	
IEEE802.11g	✓			
Draft 11n	✓	✓	✓	✓

ANT (TX / RX)



Draft 11n Spec.

MCS Index	Nss	Modulation	R	NBPSC	NCBPS		NDBPS		Data rate (Mbps) 800nsGI	
					20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
0	1	BPSK	1/2	1	52	108	26	54	6.5	13.5
1	1	QPSK	1/2	2	104	216	52	108	13.0	27.0
2	1	QPSK	3/4	2	104	216	78	162	19.5	40.5
3	1	16-QAM	1/2	4	208	432	104	216	26.0	54.0
4	1	16-QAM	3/4	4	208	432	156	324	39.0	81.0
5	1	64-QAM	2/3	6	312	648	208	432	52.0	108.0
6	1	64-QAM	3/4	6	312	648	234	486	58.5	121.5
7	1	64-QAM	5/6	6	312	648	260	540	65.0	135.0

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPSC	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	guard interval

IEEE 802.11b/g & IEEE 802.11n (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

IEEE 802.11n (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

Note:

1. This device is an ASUS EZ N Network Adapter, which including 2.4GHz b/g and 11n (1x1) transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 099366R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

TX	Mode 1: Transmit

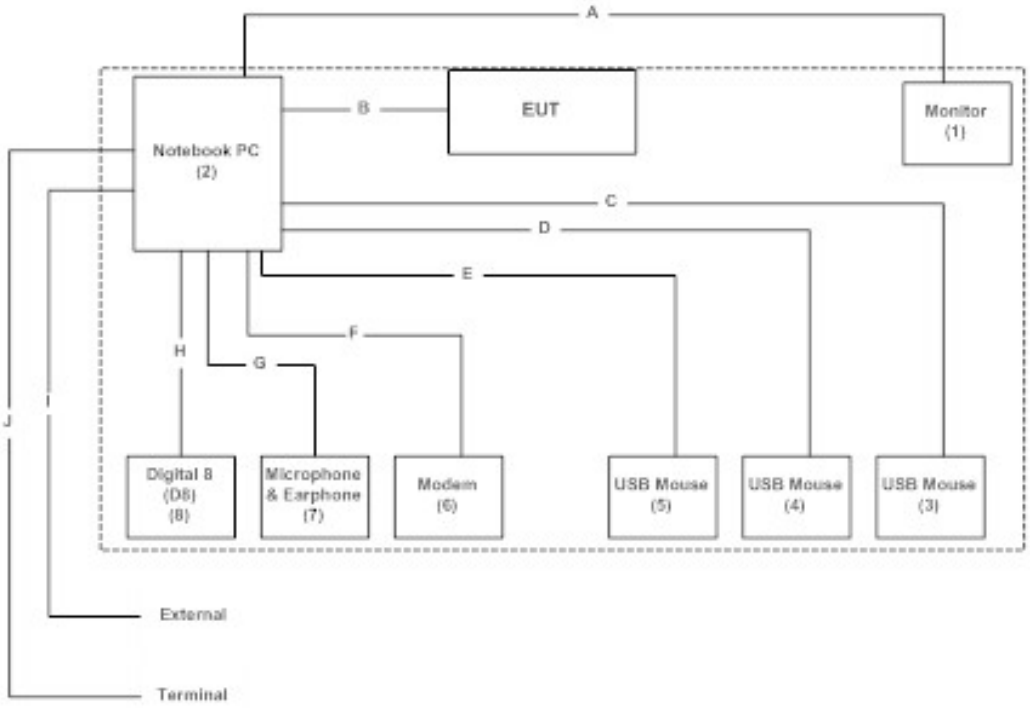
Test Items	Mode1	Channel	Result
Conducted Emission	b/g/11n(20M)/11n (40MHz)	6	Complies
Peak Power Output	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Radiated Emission	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
RF antenna conducted test	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Radiated Emission Band Edge	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Occupied Bandwidth	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Power Density	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies

1.4. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Monitor	CHI MEI	A170E1-09	3UC120955CA 0101	DoC	Non-Shielded, 1.8m
2	Notebook PC	DELL	Precision M65	28G9NIS	DoC	Non-Shielded, 1.8m
3	USB Mouse	Logitech	M-UV83	LZE35006065	DoC	--
4	USB Mouse	SANYO	SYMS-M8	N/A	DoC	--
5	USB Mouse	Logitech	M-UV83	LZE35006044	DoC	--
6	Modem	ACEEX	DM-1414	0102027544	DoC	Non-Shielded, 1.6m
7	Microphone & Earphone	Fujiei	SBZ-38	N/A	DoC	--
8	Digital 8 (D8)	SONY	DCR-TRV110	P35209	DoC	--

1.5. Configuration of tested System

Connection Diagram


Signal Cable Type		Signal cable Description
A	VGA Cable	Shielded, 1.6m
B	USB Cable	Shielded, 1m
C	USB Mouse Cable	Shielded, 1m
D	USB Mouse Cable	Shielded, 1m
E	USB Mouse Cable	Shielded, 1m
F	Modem Cable	Shielded, 1.5m
G	Microphone & Earphone Cable	Non-Shielded, 1.2m
H	1394 Cable	Shielded, 1m
I	Telecom Cable	Non-Shielded, 10m
J	LAN Cable	Non-Shielded, 10m

1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5.
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will communicate by connecting to LAN port of Notebook PC.
5	The computer‘s monitor will show the transmitting and receiving characteristics when the communication is success.
6	Repeat the above procedure (4) to (5).

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	24
Humidity (%RH)		25 - 75	47
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	49
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	24
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520

Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2010

Testing Laboratory 1313

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2010

NVLAP Lab Code : 200347-0

Site Name: Quietek Corporation
Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

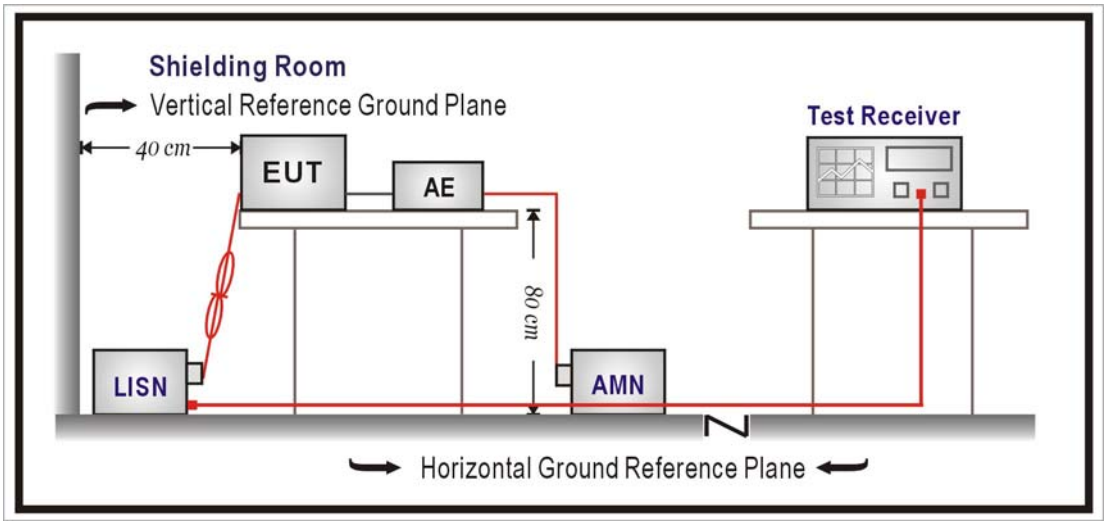
The following test equipments are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
4-Wire ISN	R & S	ENY 41	837032/001	2009/04/15
Double 2-Wire ISN	R & S	ENY 22	835354/008	2009/04/15
LISN	R&S	ESH3-Z5	836679/022	2009/06/17
LISN	R & S	ESH3-Z5	836679/013	2008/12/30
Pulse Limiter	R & S	ESH3-Z2	100411	2008/11/16
Test Receiver	R & S	ESCS 30	100149	2008/11/15

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs.)
Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

2.5. Test Specification

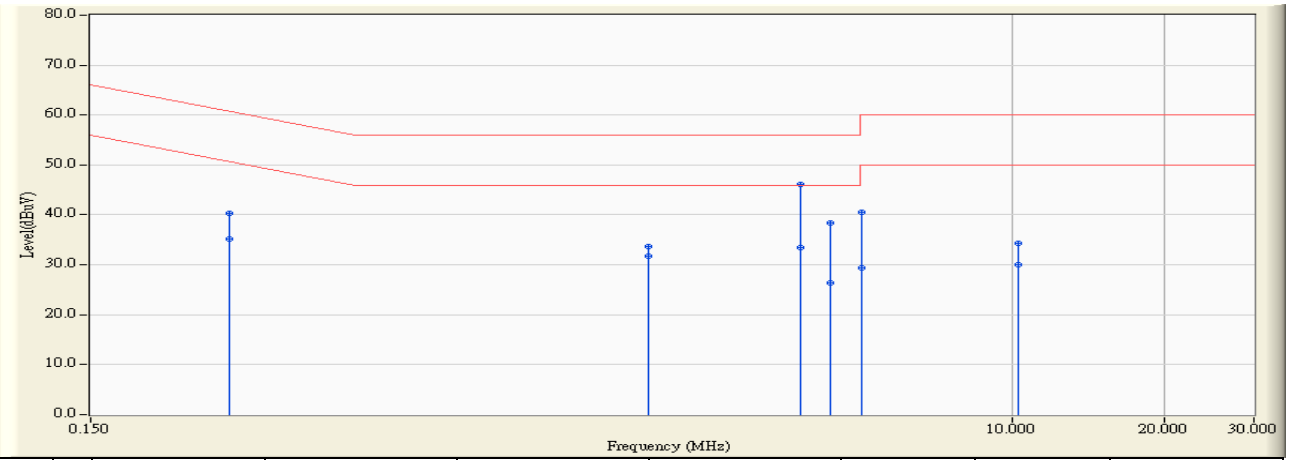
According to FCC Part 15 Subpart C Paragraph 15.207: 2008

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	**Time : 2009/09/30 - 14:54**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line1	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(40M)**

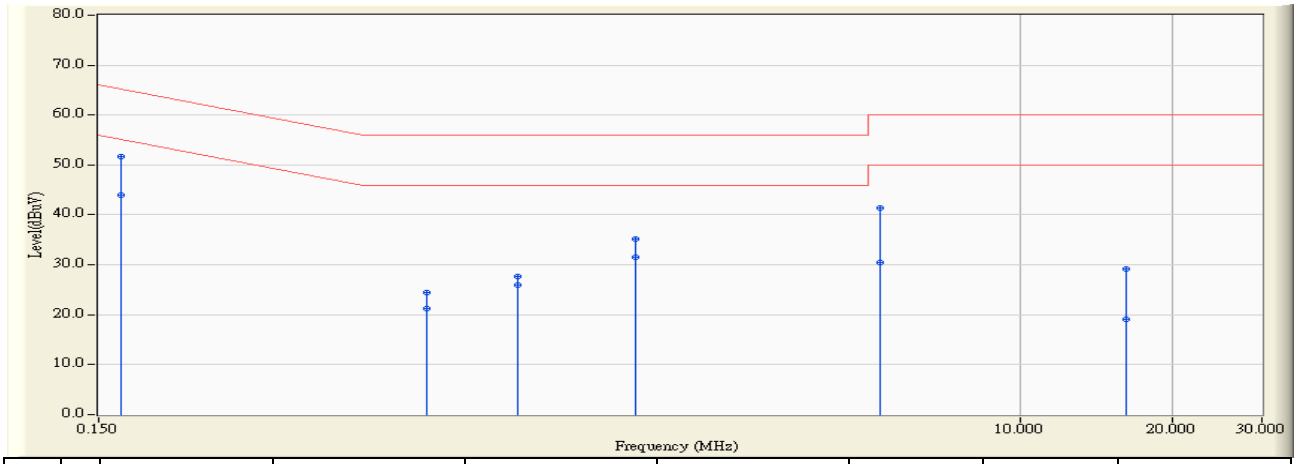


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.282	9.780	30.611	40.391	-20.366	60.757	QUASIPEAK
2		0.282	9.780	25.340	35.119	-15.637	50.757	AVERAGE
3		1.902	9.905	23.825	33.730	-22.270	56.000	QUASIPEAK
4		1.902	9.905	21.839	31.744	-14.256	46.000	AVERAGE
5	*	3.810	9.916	36.253	46.169	-9.831	56.000	QUASIPEAK
6		3.810	9.916	23.584	33.500	-12.500	46.000	AVERAGE
7		4.370	9.918	28.538	38.456	-17.544	56.000	QUASIPEAK
8		4.370	9.918	16.438	26.356	-19.644	46.000	AVERAGE
9		5.042	9.923	30.513	40.436	-19.564	60.000	QUASIPEAK
10		5.042	9.923	19.475	29.398	-20.602	50.000	AVERAGE
11		10.254	10.149	24.273	34.422	-25.578	60.000	QUASIPEAK
12		10.254	10.149	19.931	30.080	-19.920	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	**Time : 2009/09/30 - 14:59**
Limit : CISPR_B_00M_QP	**Margin : 10**
Probe : SR3_LISN(16A) - Line2	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(40M)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.166	9.546	42.068	51.614	-13.545	65.158	QUASIPEAK
2	*	0.166	9.546	34.479	44.025	-11.133	55.158	AVERAGE
3		0.670	9.814	14.567	24.380	-31.620	56.000	QUASIPEAK
4		0.670	9.814	11.390	21.203	-24.797	46.000	AVERAGE
5		1.010	9.810	17.797	27.607	-28.393	56.000	QUASIPEAK
6		1.010	9.810	16.138	25.948	-20.052	46.000	AVERAGE
7		1.734	9.832	25.423	35.255	-20.745	56.000	QUASIPEAK
8		1.734	9.832	21.798	31.630	-14.370	46.000	AVERAGE
9		5.266	9.866	31.564	41.430	-18.570	60.000	QUASIPEAK
10		5.266	9.866	20.490	30.356	-19.644	50.000	AVERAGE
11		16.182	10.222	18.990	29.212	-30.788	60.000	QUASIPEAK
12		16.182	10.222	8.783	19.005	-30.995	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3. Peak Power Output

3.1. Test Equipment

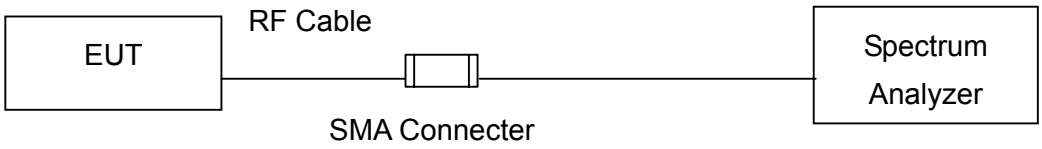
The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Jan., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

3.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



3.3. Test procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

3.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	ASUS EZ N Network Adapter		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/09/29	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	19.09	1Watt= 30 dBm	Pass
6	2437	19.30	1Watt= 30 dBm	Pass
11	2462	19.27	1Watt= 30 dBm	Pass

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1 Mbps	2Mbps	5.5Mbps	11Mbps	
1	2412.00	19.09	18.89	18.85	19.02	1Watt= 30 dBm
6	2437.00	19.30	19.10	19.08	19.28	1Watt= 30 dBm
11	2462.00	19.27	19.21	19.12	19.25	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	ASUS EZ N Network Adapter		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/09/29	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.15	1Watt= 30 dBm	Pass
6	2437	23.40	1Watt= 30 dBm	Pass
11	2462	23.67	1Watt= 30 dBm	Pass

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps	
1	2412.00	23.15	22.37	21.68	22.25	22.54	22.40	22.40	22.61	1Watt= 30 dBm
6	2437.00	23.40	22.62	21.78	22.45	22.75	22.66	22.62	22.86	1Watt= 30 dBm
11	2462.00	23.67	22.78	21.98	22.60	22.95	22.82	22.70	22.98	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	ASUS EZ N Network Adapter		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/09/29	Test Site	No.1 OATS

IEEE 802.11n 20MHz_Tx

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	23.17	1Watt= 30 dBm	Pass
6	2437	23.09	1Watt= 30 dBm	Pass
11	2462	23.06	1Watt= 30 dBm	Pass

The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.5	65	
1	2412	23.17	22.32	22.05	22.87	22.75	22.60	22.67	22.87	30dBm
6	2437	23.09	22.24	22.16	22.79	22.67	22.52	22.54	22.79	30dBm
11	2462	23.06	22.20	22.15	22.75	22.66	22.48	22.52	22.75	30dBm

Product	ASUS EZ N Network Adapter		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/09/29	Test Site	No.1 OATS

IEEE802.11n 40MHz_Tx

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	22.90	1Watt= 30 dBm	Pass
6	2437	23.38	1Watt= 30 dBm	Pass
9	2452	23.14	1Watt= 30 dBm	Pass

The worst emission of data rate is 13.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	22.90	21.94	20.93	21.26	21.97	21.99	22.30	22.64	30dBm
6	2437	23.38	22.42	21.40	21.45	22.08	22.47	22.54	23.12	30dBm
9	2452	23.14	22.39	21.16	21.13	22.45	22.26	22.26	22.88	30dBm

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

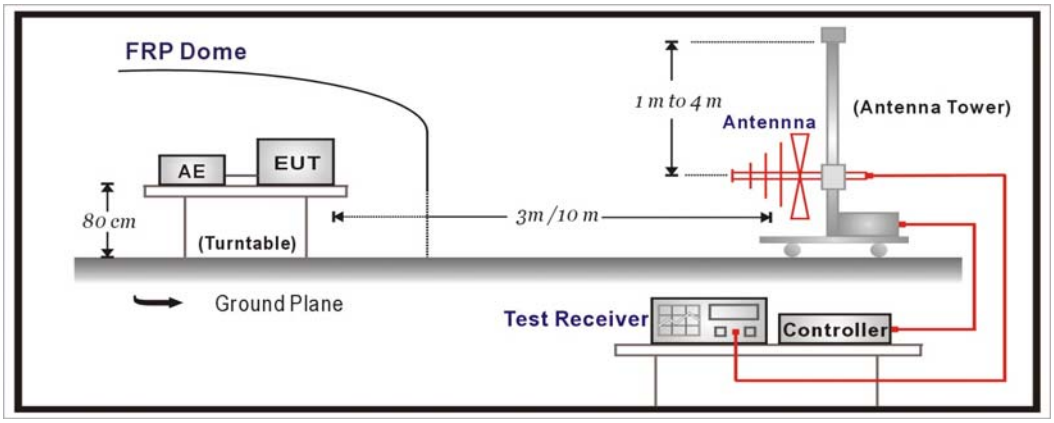
Radiated Emission / CB1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2895	2009/09/03
Loop Antenna	R & S	HFH2-Z2	833799/004	2009/09/13
Pre-Amplifier	Quietek	AP-025C	CHM0608021	2008/11/13
Spectrum Analyzer	R & S	FSP40	100005	2009/08/25
Test Receiver	R & S	ESCS 30	825442/017	2009/02/03

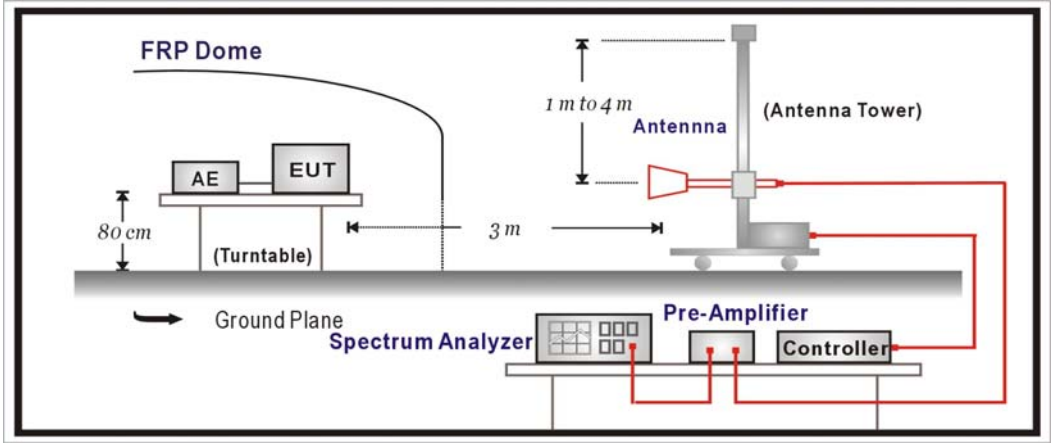
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	dBuV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

4.6. Uncertainty

The measurement uncertainty

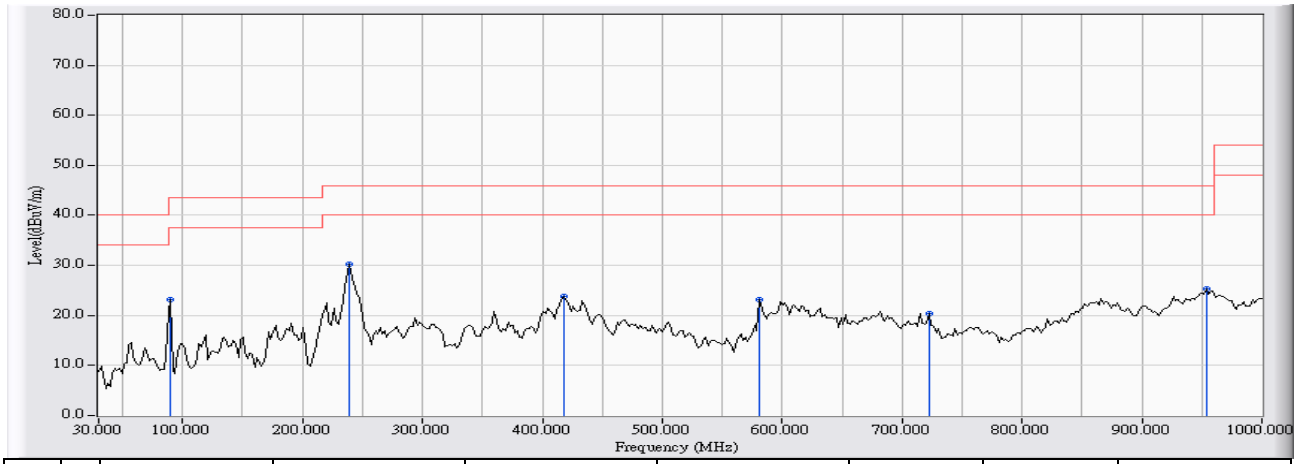
30MHz～1GHz as ±3.19dB

1GHz～26.5Ghz as ±3.9dB

4.7. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2009/09/23 - 18:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-B**

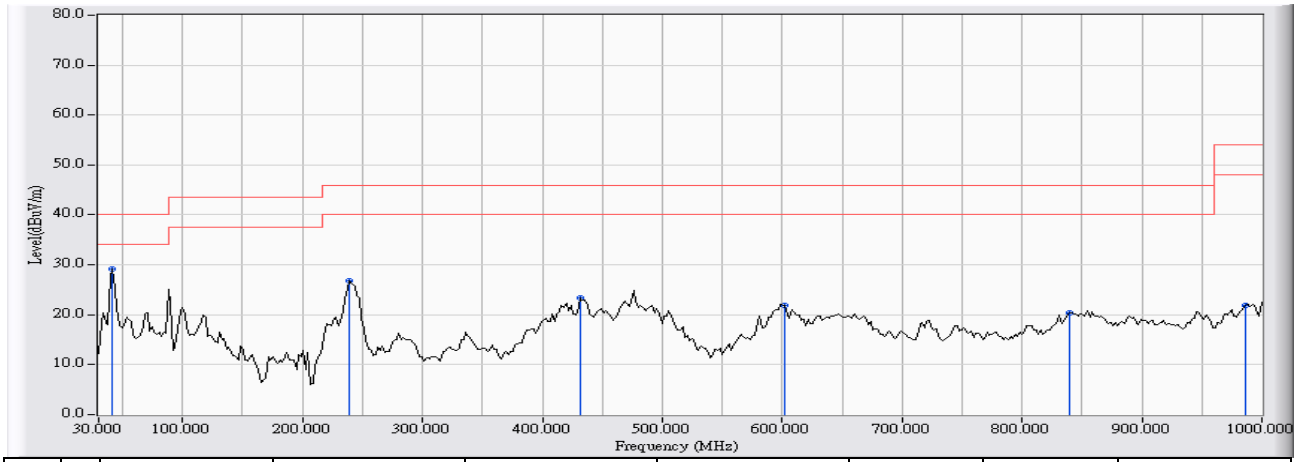


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		90.140	-15.420	38.626	23.205	-20.295	43.500	QUASIPEAK
2	*	239.520	-13.576	43.804	30.228	-15.772	46.000	QUASIPEAK
3		418.000	-4.552	28.317	23.765	-22.235	46.000	QUASIPEAK
4		580.960	-5.838	28.913	23.075	-22.925	46.000	QUASIPEAK
5		722.580	-5.843	26.204	20.361	-25.639	46.000	QUASIPEAK
6		953.440	2.258	22.989	25.247	-20.753	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-B**

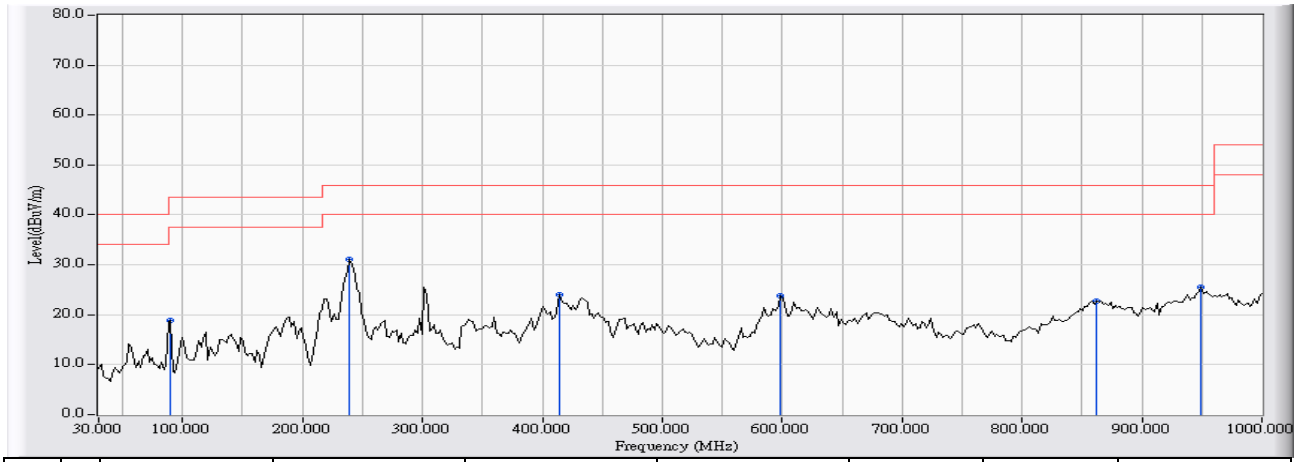


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.640	-10.325	39.399	29.074	-10.926	40.000	QUASIPEAK
2		239.520	-13.502	40.415	26.913	-19.087	46.000	QUASIPEAK
3		431.580	-6.929	30.306	23.377	-22.623	46.000	QUASIPEAK
4		602.300	-3.872	25.812	21.940	-24.060	46.000	QUASIPEAK
5		838.980	-2.464	22.854	20.391	-25.609	46.000	QUASIPEAK
6		986.420	-0.456	22.360	21.904	-32.096	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:15**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-G**

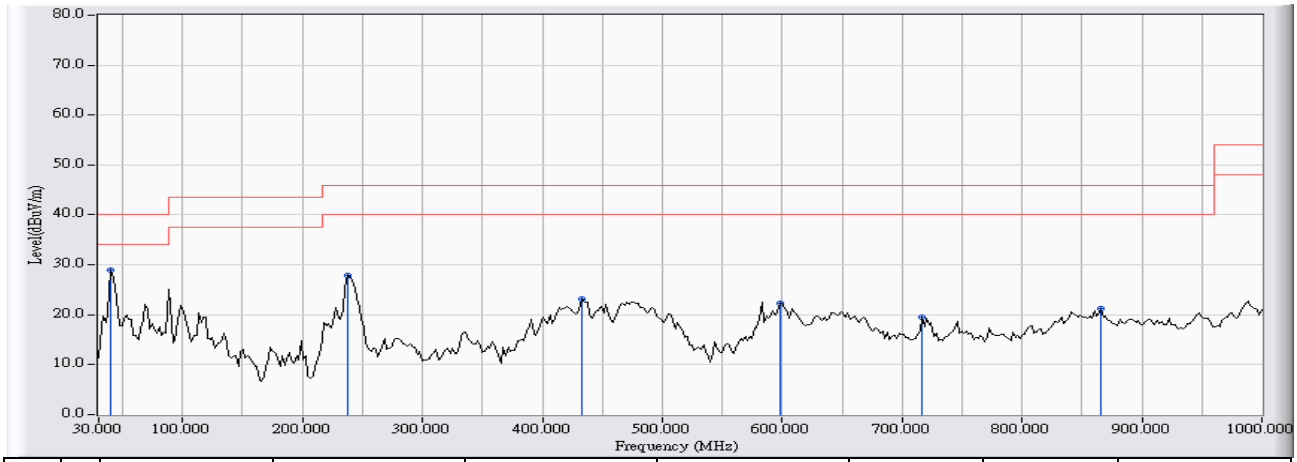


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		90.140	-15.420	34.335	18.914	-24.586	43.500	QUASIPEAK
2	*	239.520	-13.576	44.732	31.156	-14.844	46.000	QUASIPEAK
3		414.120	-4.920	28.959	24.040	-21.960	46.000	QUASIPEAK
4		598.420	-2.916	26.750	23.835	-22.165	46.000	QUASIPEAK
5		862.260	0.192	22.627	22.820	-23.180	46.000	QUASIPEAK
6		949.560	2.292	23.282	25.574	-20.426	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-G**

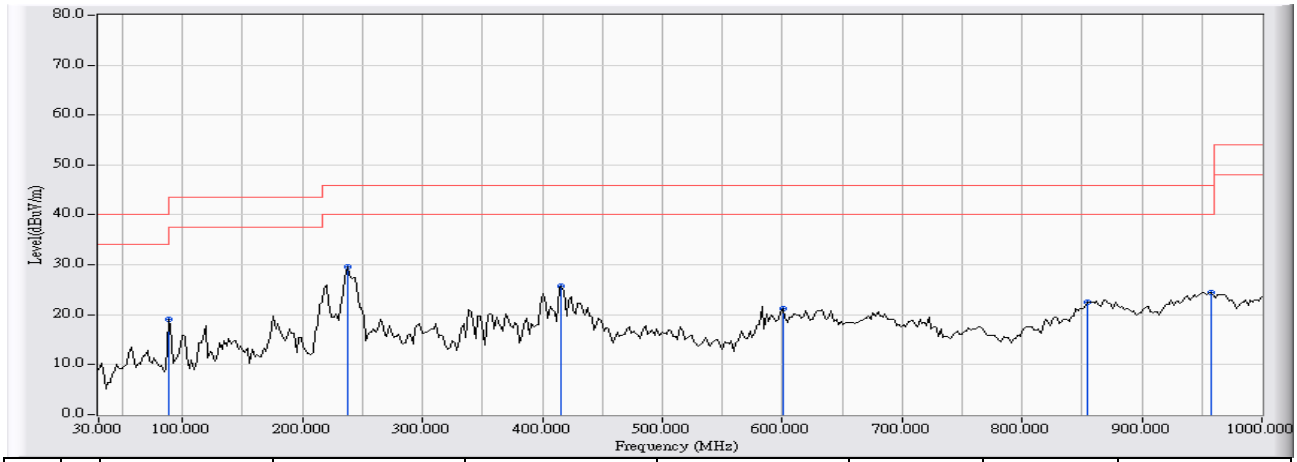


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	39.700	-8.933	37.925	28.993	-11.007	40.000	QUASIPEAK
2		237.580	-12.785	40.650	27.864	-18.136	46.000	QUASIPEAK
3		433.520	-7.100	30.245	23.145	-22.855	46.000	QUASIPEAK
4		598.420	-3.160	25.492	22.332	-23.668	46.000	QUASIPEAK
5		716.760	-7.111	26.711	19.600	-26.400	46.000	QUASIPEAK
6		866.140	-2.788	24.033	21.245	-24.755	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:26**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(20M)**

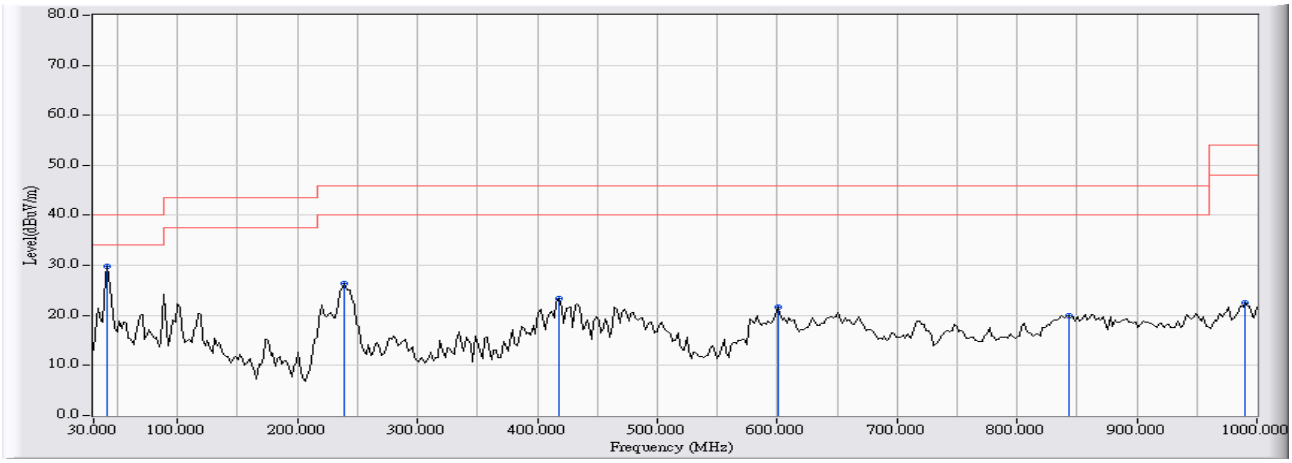


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		88.200	-15.528	34.632	19.104	-24.396	43.500	QUASIPEAK
2	*	237.580	-13.234	42.781	29.546	-16.454	46.000	QUASIPEAK
3		416.060	-4.646	30.303	25.657	-20.343	46.000	QUASIPEAK
4		600.360	-2.524	23.777	21.254	-24.746	46.000	QUASIPEAK
5		854.500	-0.180	22.783	22.604	-23.396	46.000	QUASIPEAK
6		957.320	1.843	22.669	24.513	-21.487	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:29**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(20M)**

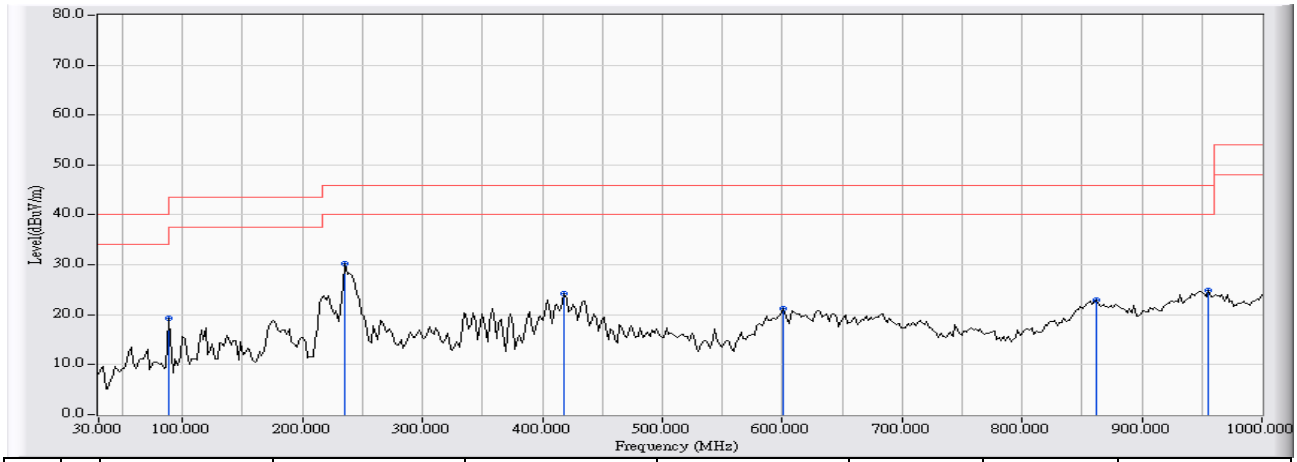


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	41.640	-10.325	40.045	29.720	-10.280	40.000	QUASIPEAK
2		239.520	-13.502	39.866	26.364	-19.636	46.000	QUASIPEAK
3		418.000	-4.905	28.381	23.476	-22.524	46.000	QUASIPEAK
4		600.360	-2.817	24.417	21.600	-24.400	46.000	QUASIPEAK
5		842.860	-2.191	22.104	19.913	-26.087	46.000	QUASIPEAK
6		990.300	-0.318	22.736	22.418	-31.582	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(40M)**

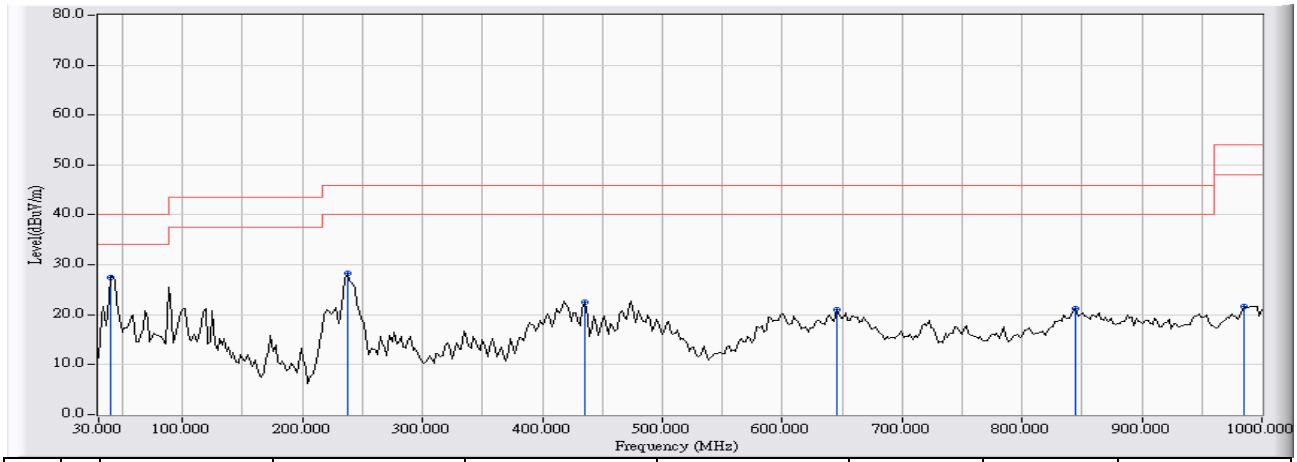


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		88.200	-15.528	34.817	19.289	-24.211	43.500	QUASIPEAK
2	*	235.640	-12.883	43.040	30.156	-15.844	46.000	QUASIPEAK
3		418.000	-4.552	28.682	24.130	-21.870	46.000	QUASIPEAK
4		600.360	-2.524	23.686	21.163	-24.837	46.000	QUASIPEAK
5		862.260	0.192	22.792	22.985	-23.015	46.000	QUASIPEAK
6		955.380	2.184	22.644	24.828	-21.172	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2009/09/23 - 19:43**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_30-1G(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX-N(40M)**



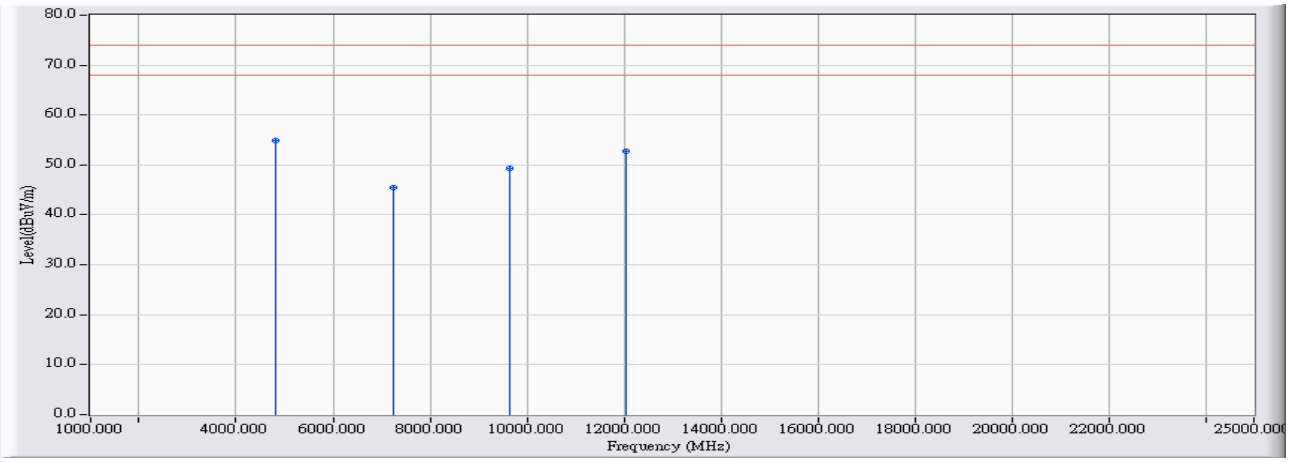
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	39.700	-8.933	36.400	27.468	-12.532	40.000	QUASIPEAK
2		237.580	-12.785	41.170	28.384	-17.616	46.000	QUASIPEAK
3		435.460	-7.404	30.019	22.615	-23.385	46.000	QUASIPEAK
4		644.980	-2.855	23.965	21.110	-24.890	46.000	QUASIPEAK
5		844.800	-2.072	23.324	21.252	-24.748	46.000	QUASIPEAK
6		984.480	-0.660	22.228	21.567	-32.433	54.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : CB1	**Time : 2009/09/25 - 20:09**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

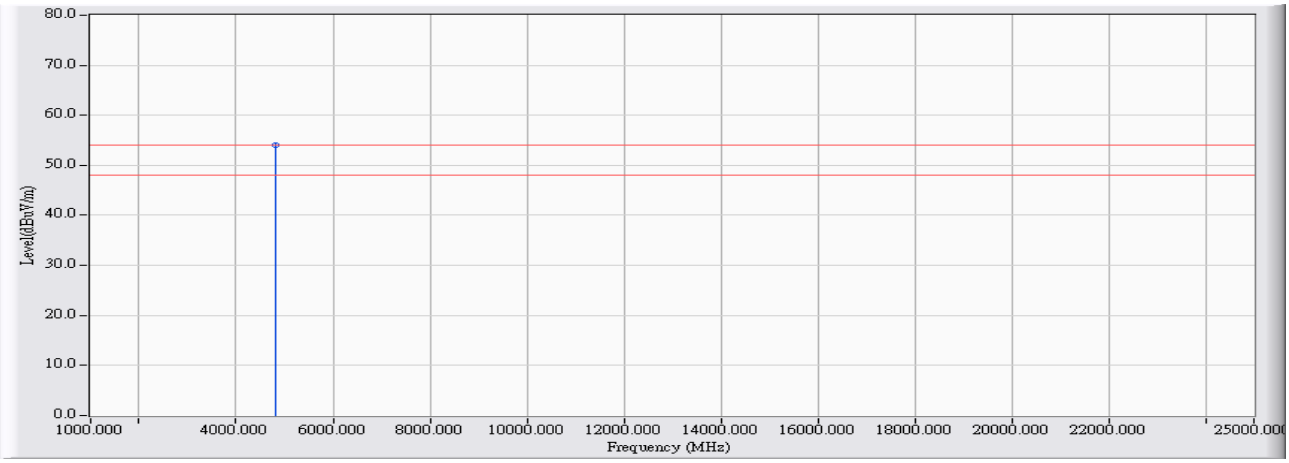


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.000	0.403	54.530	54.932	-19.068	74.000	54.00	PEAK
2		7235.960	6.885	38.620	45.505	-28.495	74.000	54.00	PEAK
3		9648.160	10.814	38.560	49.374	-24.626	74.000	54.00	PEAK
4		12060.040	15.620	37.210	52.829	-21.171	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 20:10**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

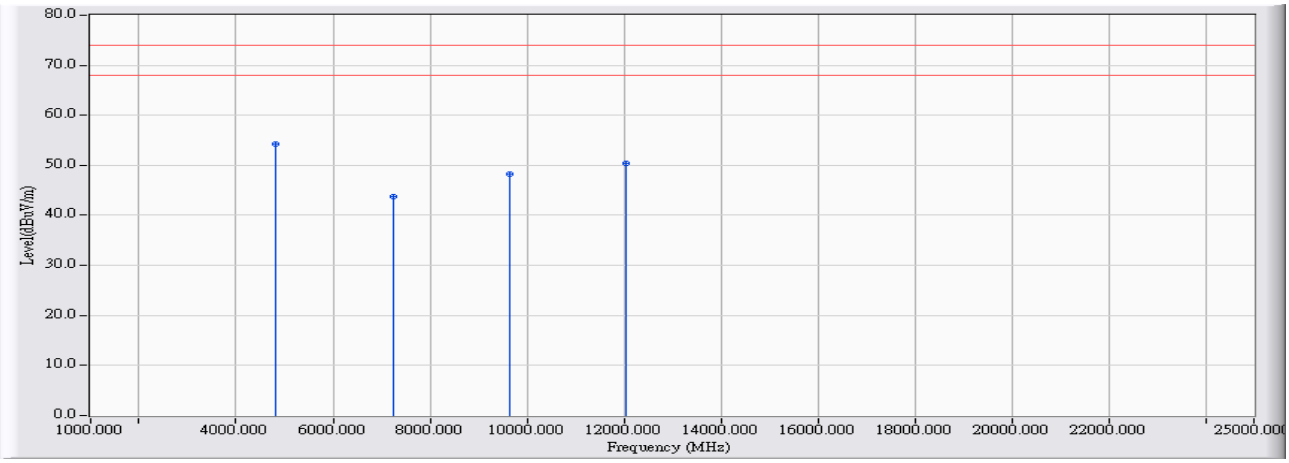


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.200	0.403	53.550	53.953	-0.047	74.000	54.00	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 20:26**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

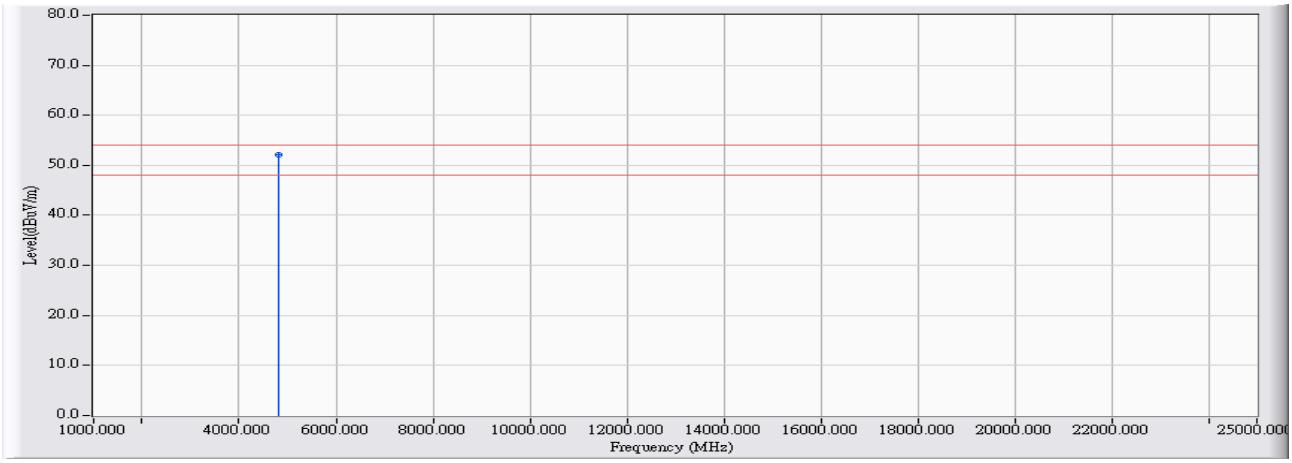


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.100	2.540	51.810	54.350	-19.650	74.000	54.00	PEAK
2		7236.000	6.461	37.240	43.701	-30.299	74.000	54.00	PEAK
3		9648.000	10.918	37.280	48.198	-25.802	74.000	54.00	PEAK
4		12060.040	14.352	36.040	50.392	-23.608	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 20:27**
Limit : FCC_SpartC_15.247_H_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

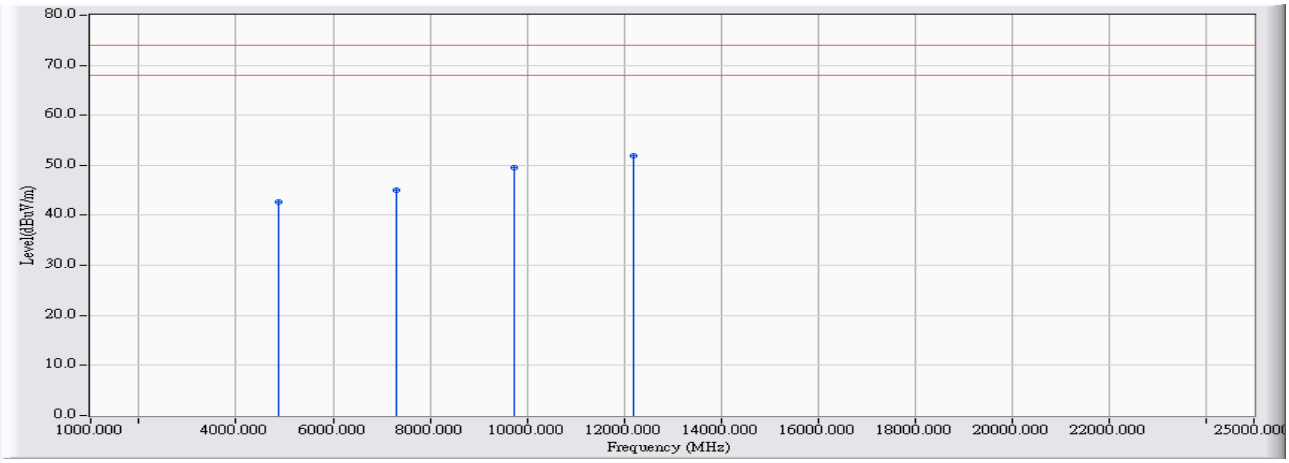


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4824.100	2.540	49.650	52.190	-1.810	74.000	54.00	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 18:09**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2437MHz**

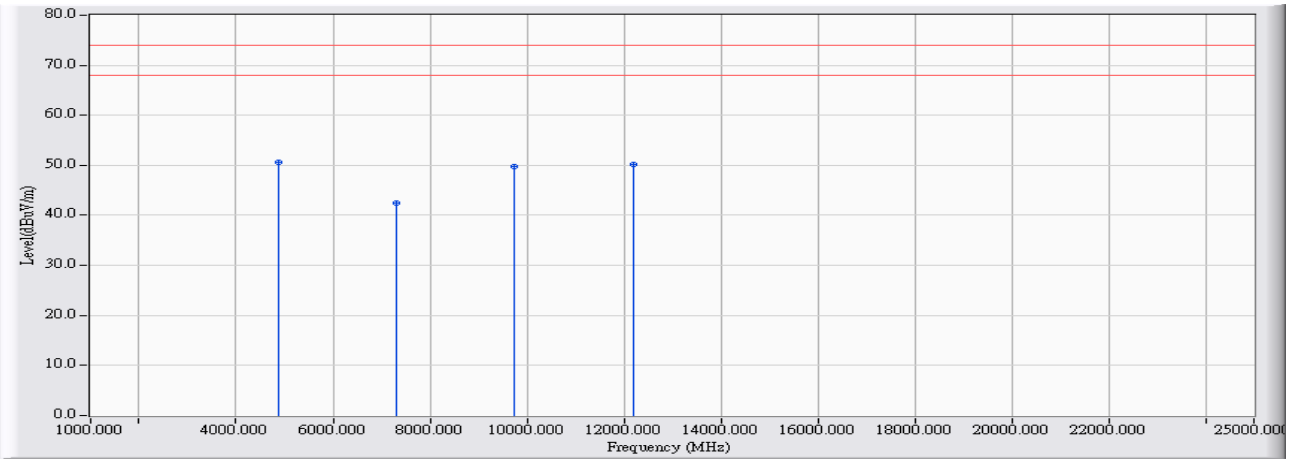


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	42.110	42.641	-31.359	74.000	54.00	PEAK
2		7311.040	7.224	37.740	44.965	-29.035	74.000	54.00	PEAK
3		9747.960	11.220	38.400	49.620	-24.380	74.000	54.00	PEAK
4	*	12185.040	15.115	36.740	51.855	-22.145	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 18:10**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2437MHz**

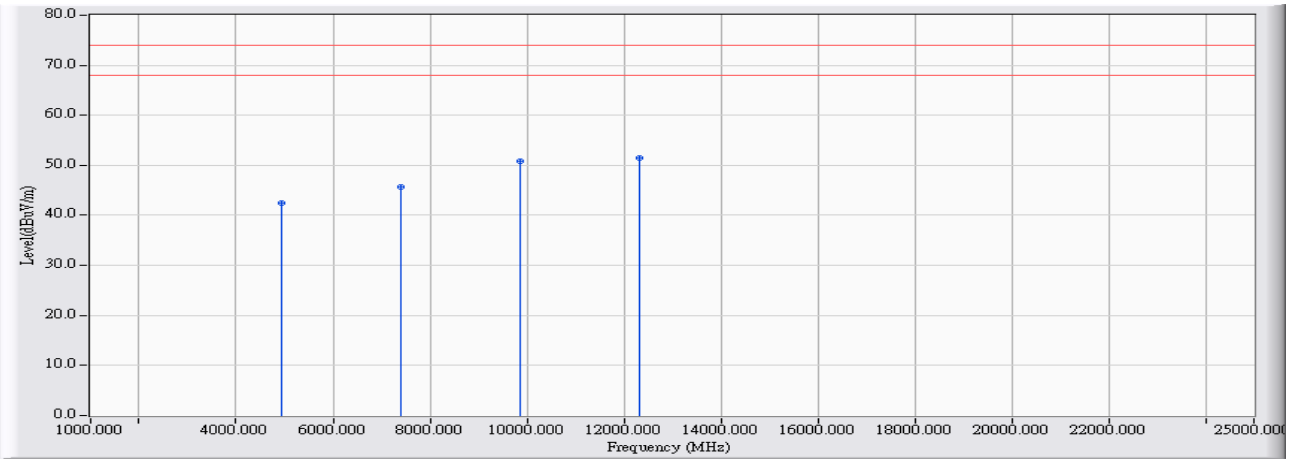


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4874.410	2.577	48.100	50.677	-23.323	74.000	54.00	PEAK
2		7311.040	6.601	35.770	42.372	-31.628	74.000	54.00	PEAK
3		9747.960	11.420	38.400	49.820	-24.180	74.000	54.00	PEAK
4		12185.040	14.121	36.130	50.250	-23.750	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 21:01**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

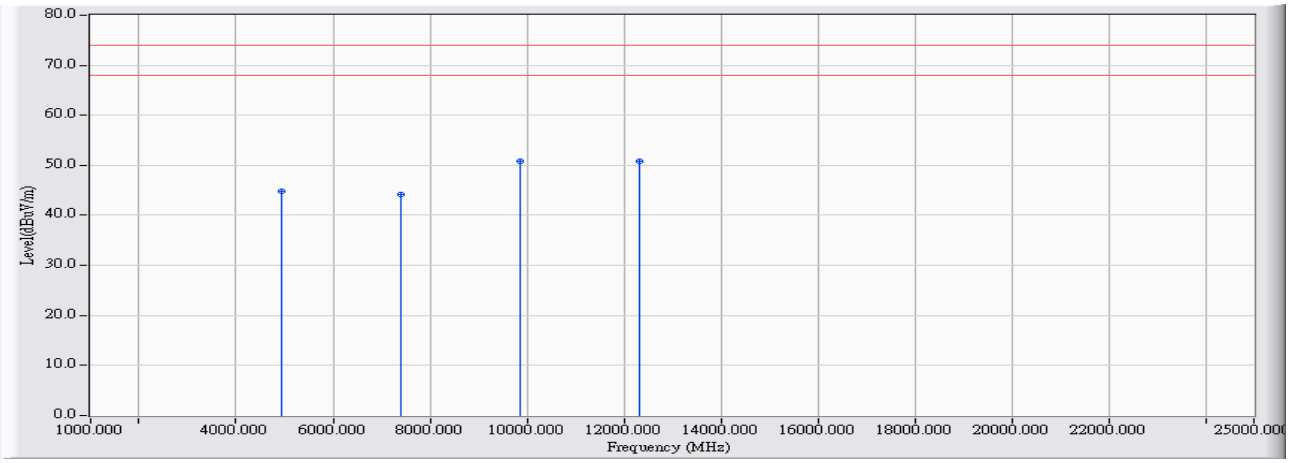


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.000	0.668	41.800	42.469	-31.531	74.000	54.00	PEAK
2		7386.000	7.583	38.200	45.784	-28.216	74.000	54.00	PEAK
3		9848.020	11.618	39.250	50.868	-23.132	74.000	54.00	PEAK
4	*	12310.020	14.638	36.840	51.477	-22.523	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/25 - 21:10**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

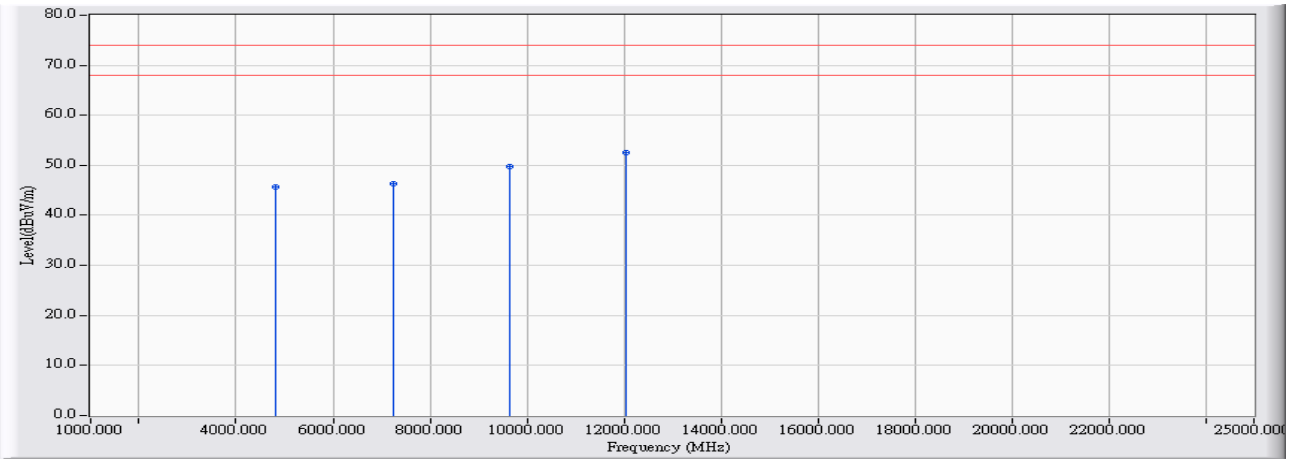


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.000	2.605	42.160	44.765	-29.235	74.000	54.00	PEAK
2		7386.020	6.762	37.480	44.242	-29.758	74.000	54.00	PEAK
3		9848.020	11.922	38.930	50.852	-23.148	74.000	54.00	PEAK
4	*	12310.020	13.897	36.980	50.877	-23.123	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 09:40**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

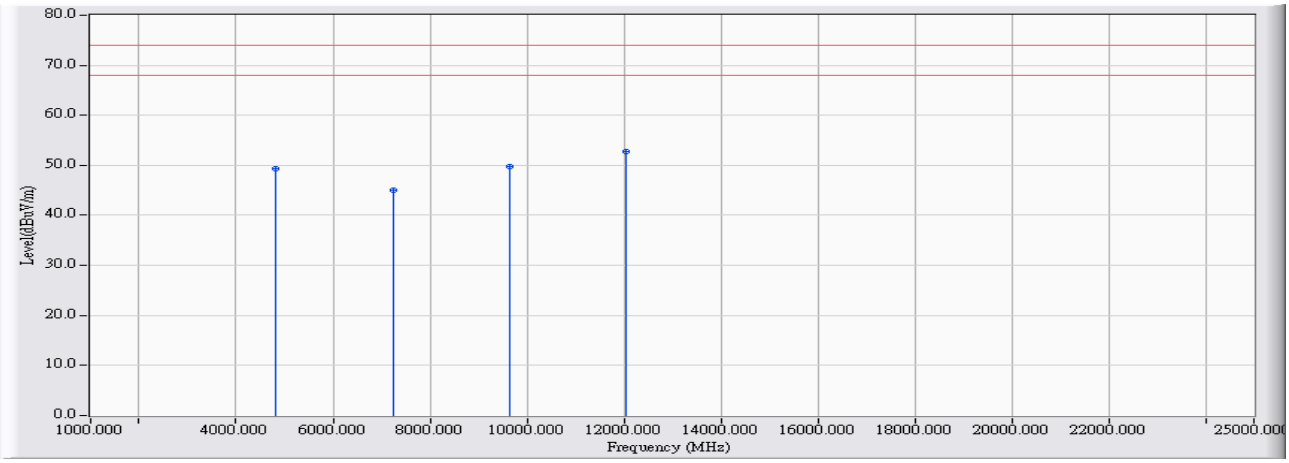


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.000	0.403	45.380	45.782	-28.218	74.000	54.00	PEAK
2		7235.950	6.885	39.410	46.295	-27.705	74.000	54.00	PEAK
3		9648.230	10.814	38.910	49.724	-24.276	74.000	54.00	PEAK
4	*	12060.390	15.618	36.910	52.528	-21.472	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 10:05**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

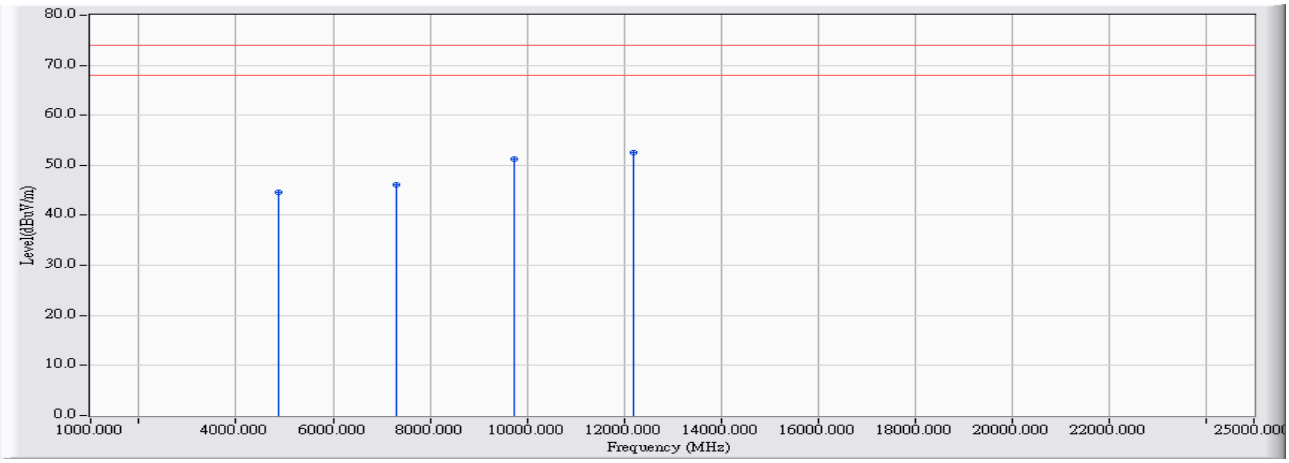


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4816.000	2.537	46.690	49.228	-24.772	74.000	54.00	PEAK
2		7235.950	6.461	38.620	45.081	-28.919	74.000	54.00	PEAK
3		9648.160	10.919	38.750	49.669	-24.331	74.000	54.00	PEAK
4	*	12060.040	14.352	38.430	52.782	-21.218	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 10:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2437MHz**

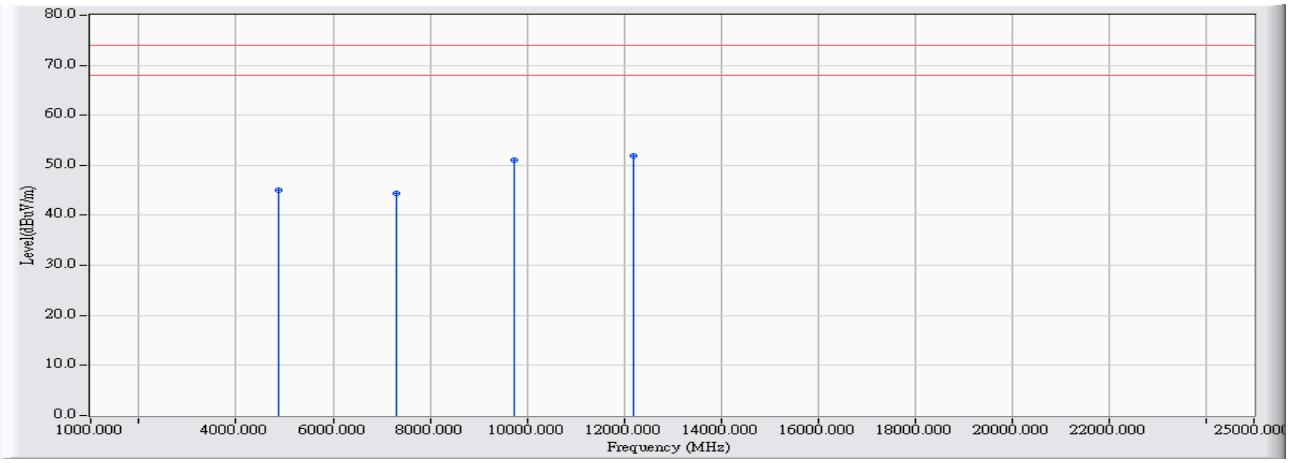


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	44.050	44.581	-29.419	74.000	54.00	PEAK
2		7311.050	7.224	38.960	46.185	-27.815	74.000	54.00	PEAK
3		9747.950	11.220	39.950	51.170	-22.830	74.000	54.00	PEAK
4	*	12185.390	15.113	37.500	52.613	-21.387	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 10:33**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2437MHz**

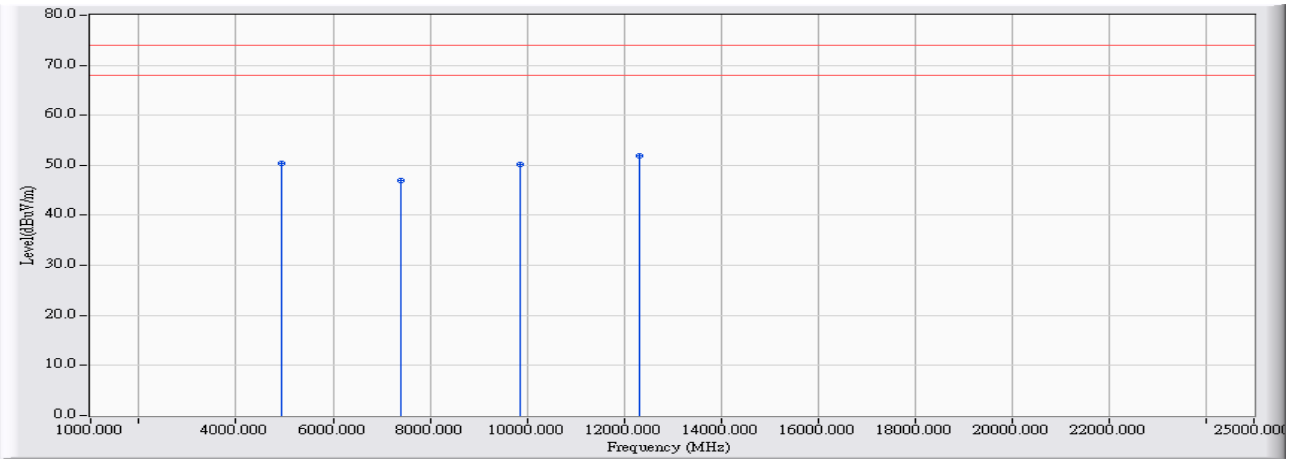


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	2.577	42.510	45.087	-28.913	74.000	54.00	PEAK
2		7311.020	6.601	37.890	44.492	-29.508	74.000	54.00	PEAK
3		9747.950	11.420	39.560	50.980	-23.020	74.000	54.00	PEAK
4	*	12185.040	14.121	37.890	52.010	-21.990	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 10:38**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

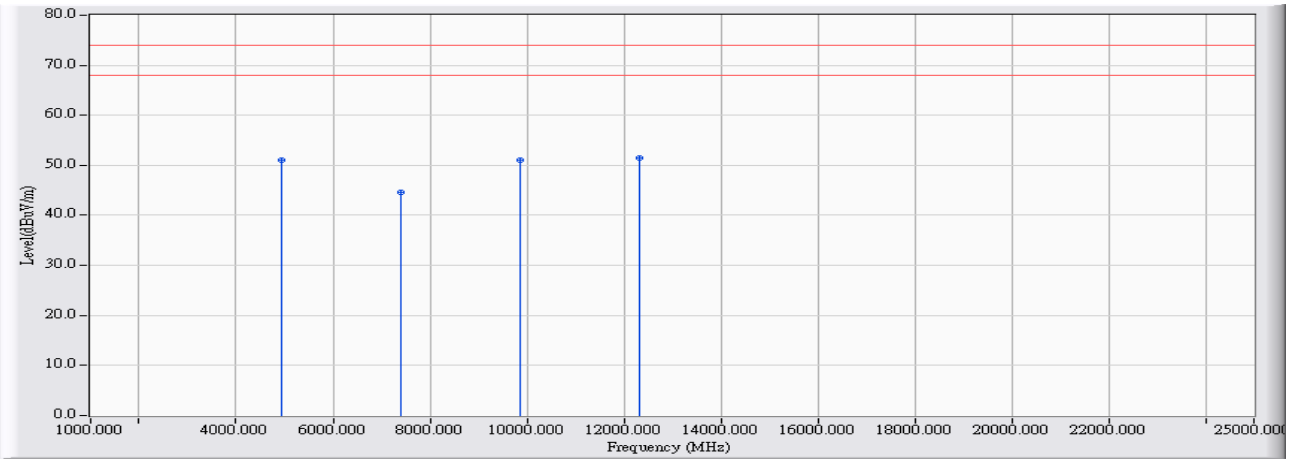


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.020	0.668	49.680	50.349	-23.651	74.000	54.00	PEAK
2		7386.020	7.583	39.320	46.904	-27.096	74.000	54.00	PEAK
3		9848.020	11.618	38.600	50.218	-23.782	74.000	54.00	PEAK
4	*	12310.020	14.638	37.260	51.897	-22.103	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 10:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

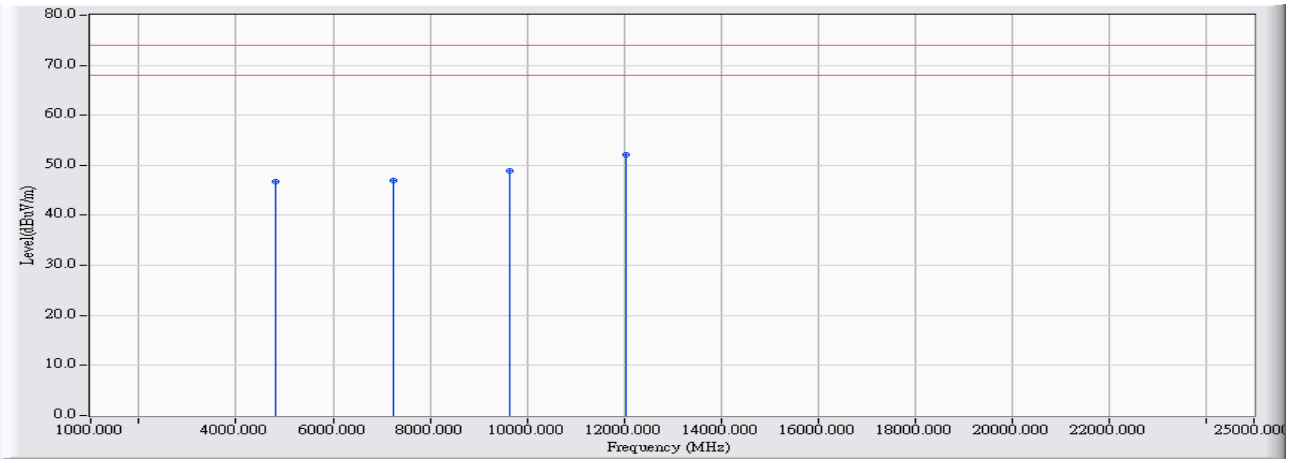


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.000	2.605	48.470	51.075	-22.925	74.000	54.00	PEAK
2		7386.020	6.762	37.890	44.652	-29.348	74.000	54.00	PEAK
3		9848.020	11.922	39.140	51.062	-22.938	74.000	54.00	PEAK
4	*	12310.020	13.897	37.580	51.477	-22.523	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 11:07**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

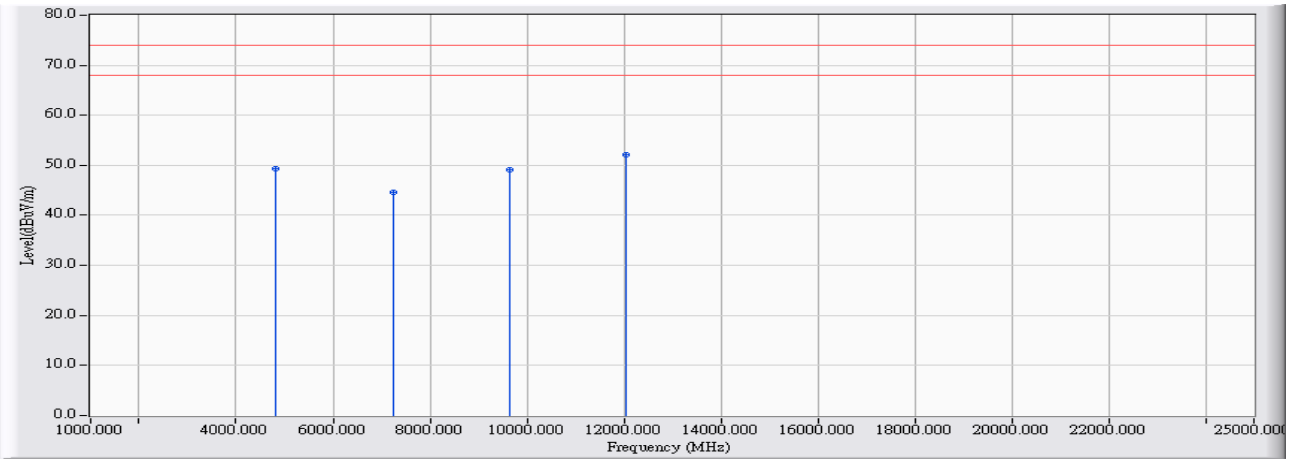


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.000	0.403	46.290	46.692	-27.308	74.000	54.00	PEAK
2		7235.960	6.885	40.120	47.005	-26.995	74.000	54.00	PEAK
3		9648.150	10.814	38.150	48.964	-25.036	74.000	54.00	PEAK
4	*	12060.038	15.620	36.450	52.069	-21.931	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 11:16**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

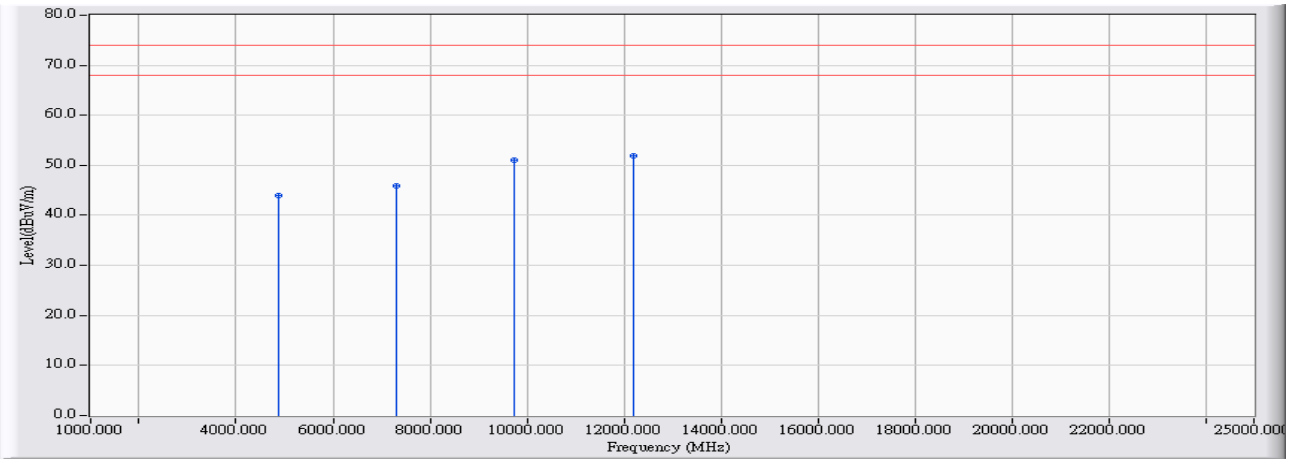


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.000	2.540	46.770	49.310	-24.690	74.000	54.00	PEAK
2		7235.980	6.461	38.250	44.711	-29.289	74.000	54.00	PEAK
3		9648.160	10.919	38.100	49.019	-24.981	74.000	54.00	PEAK
4	*	12060.040	14.352	37.730	52.082	-21.918	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 11:27**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2437MHz**

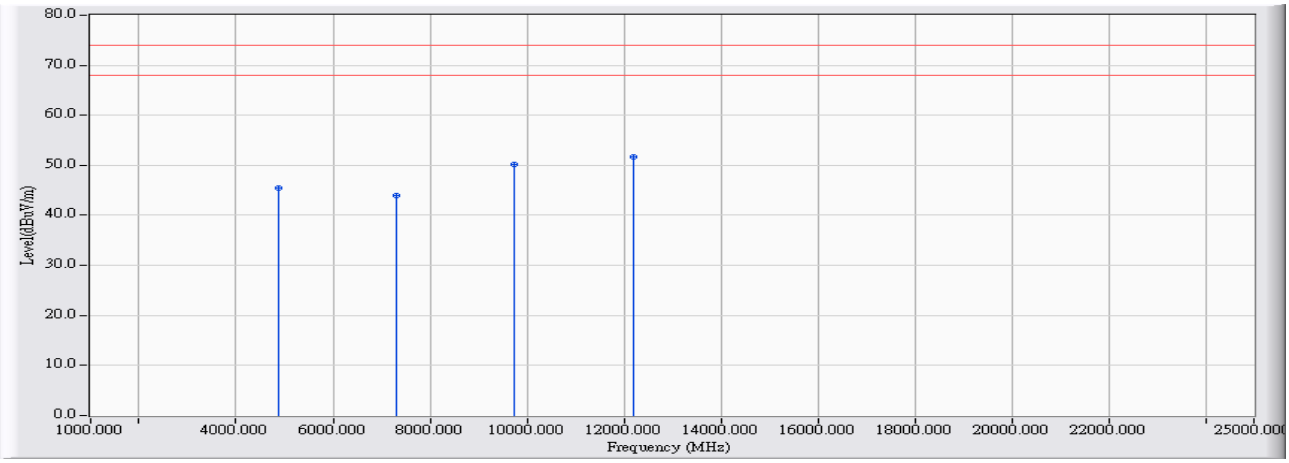


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	43.470	44.001	-29.999	74.000	54.00	PEAK
2		7311.040	7.224	38.740	45.965	-28.035	74.000	54.00	PEAK
3		9747.960	11.220	39.850	51.070	-22.930	74.000	54.00	PEAK
4	*	12185.040	15.115	36.710	51.825	-22.175	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 11:38**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2437MHz**

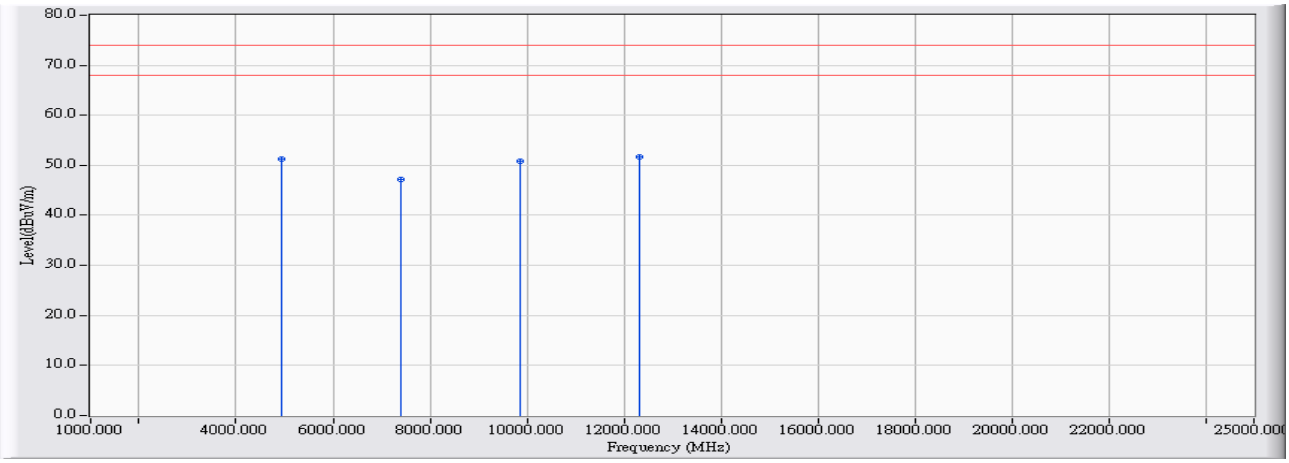


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4864.000	2.569	42.920	45.489	-28.511	74.000	54.00	PEAK
2		7311.040	6.601	37.420	44.022	-29.978	74.000	54.00	PEAK
3		9747.960	11.420	38.810	50.230	-23.770	74.000	54.00	PEAK
4	*	12185.040	14.121	37.530	51.650	-22.350	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 11:53**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

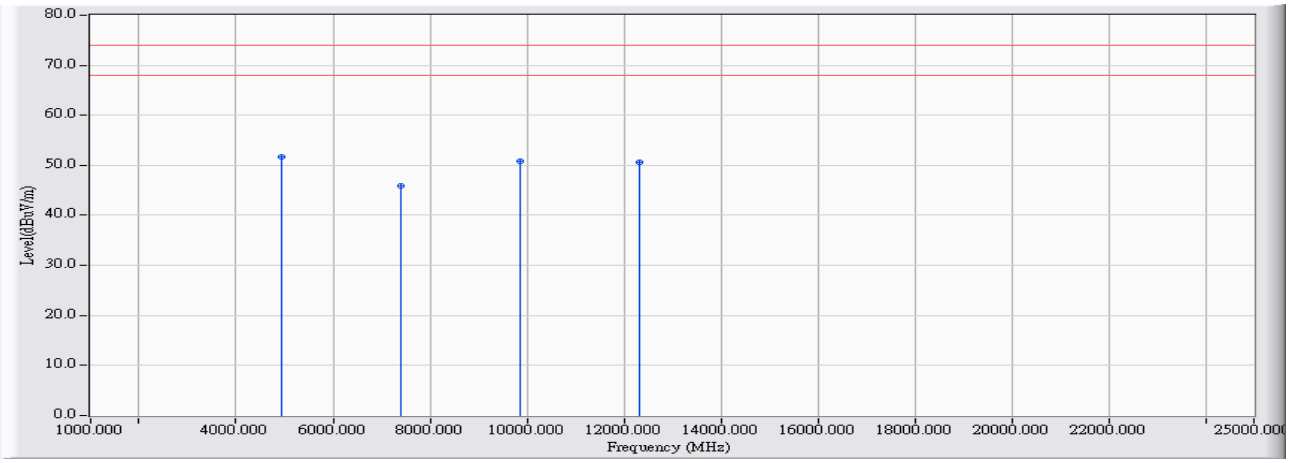


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.000	0.668	50.610	51.279	-22.721	74.000	54.00	PEAK
2		7386.020	7.583	39.690	47.274	-26.726	74.000	54.00	PEAK
3		9848.020	11.618	39.210	50.828	-23.172	74.000	54.00	PEAK
4	*	12310.020	14.638	36.970	51.607	-22.393	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 12:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

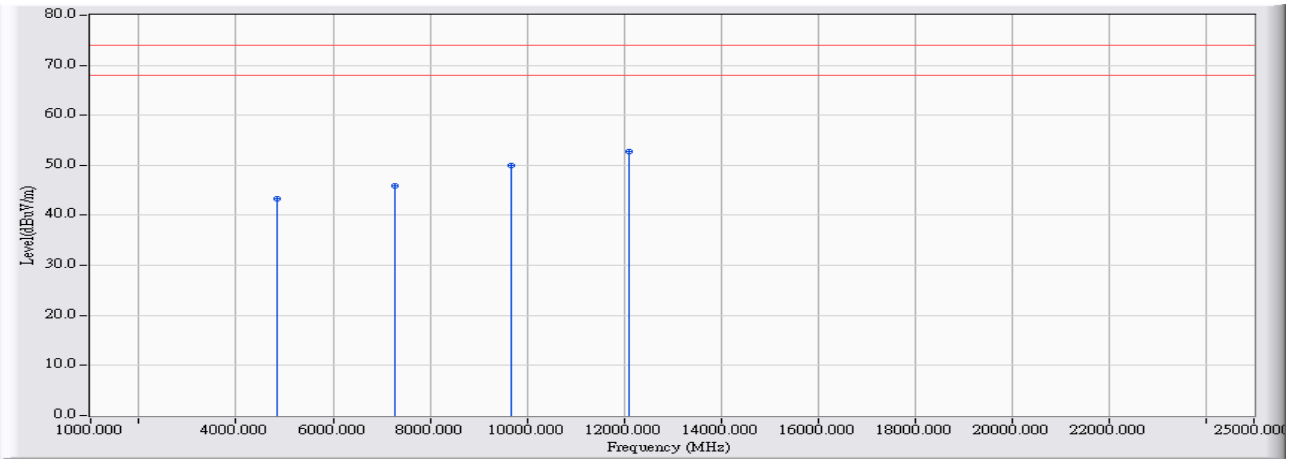


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4924.000	2.605	49.190	51.795	-22.205	74.000	54.00	PEAK
2		7386.020	6.762	39.190	45.952	-28.048	74.000	54.00	PEAK
3		9848.020	11.922	38.810	50.732	-23.268	74.000	54.00	PEAK
4		12310.020	13.897	36.620	50.517	-23.483	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 13:14**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

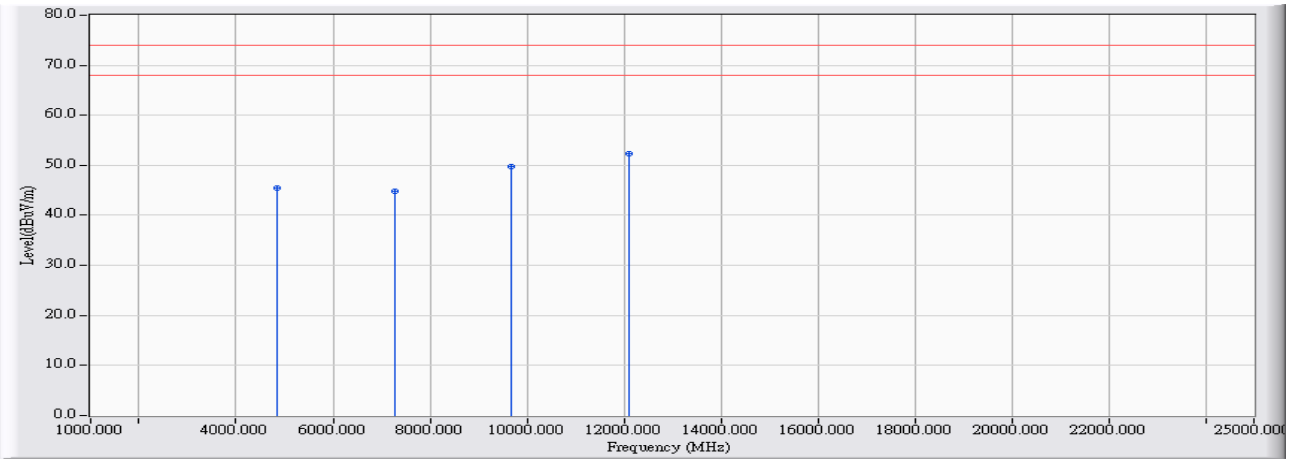


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4844.000	0.450	42.960	43.411	-30.589	74.000	54.00	PEAK
2		7266.230	7.021	38.890	45.910	-28.090	74.000	54.00	PEAK
3		9688.250	10.971	38.940	49.911	-24.089	74.000	54.00	PEAK
4	*	12110.120	15.424	37.410	52.834	-21.166	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 13:24**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

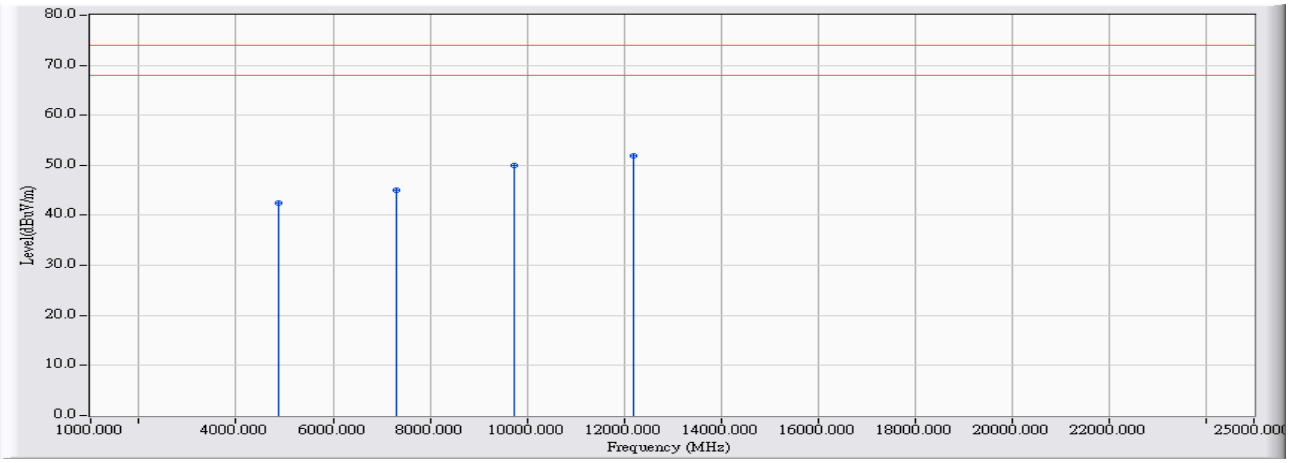


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4844.000	2.556	43.010	45.567	-28.433	74.000	54.00	PEAK
2		7266.400	6.516	38.340	44.856	-29.144	74.000	54.00	PEAK
3		9688.000	11.121	38.710	49.831	-24.169	74.000	54.00	PEAK
4	*	12110.200	14.260	37.980	52.240	-21.760	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 13:39**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2437MHz**

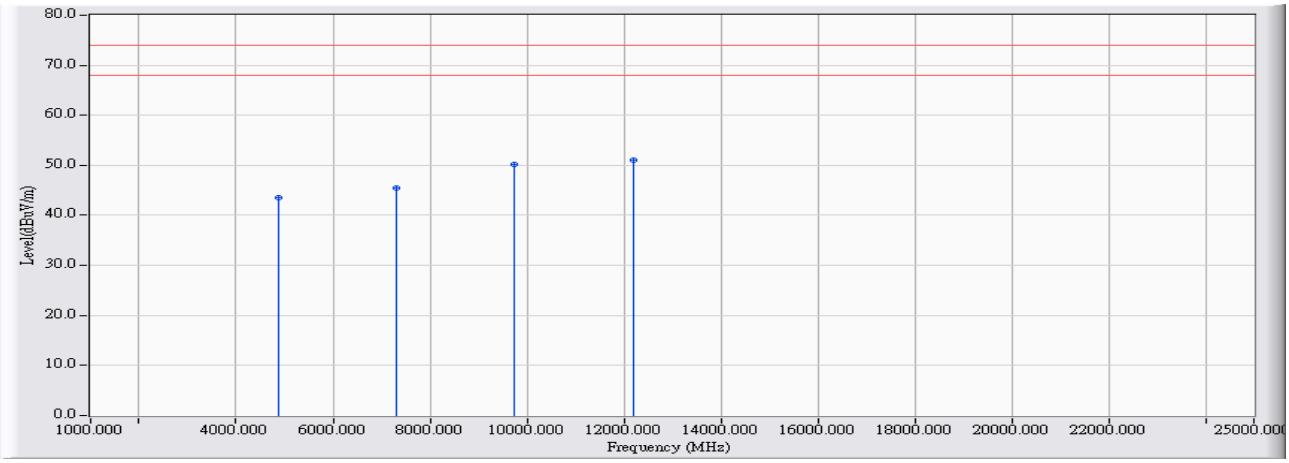


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	0.531	42.040	42.571	-31.429	74.000	54.00	PEAK
2		7311.040	7.224	37.740	44.965	-29.035	74.000	54.00	PEAK
3		9747.950	11.220	38.750	49.970	-24.030	74.000	54.00	PEAK
4	*	12185.040	15.115	36.870	51.985	-22.015	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 13:48**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2437MHz**

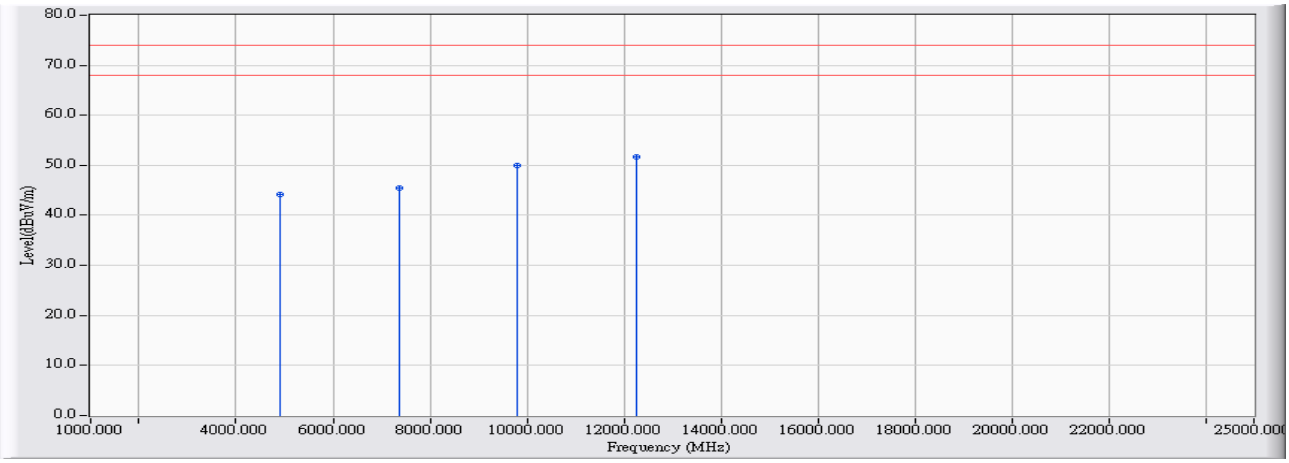


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.000	2.577	40.900	43.477	-30.523	74.000	54.00	PEAK
2		7311.050	6.601	38.770	45.372	-28.628	74.000	54.00	PEAK
3		9747.950	11.420	38.750	50.170	-23.830	74.000	54.00	PEAK
4	*	12185.040	14.121	36.840	50.960	-23.040	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 13:59**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**

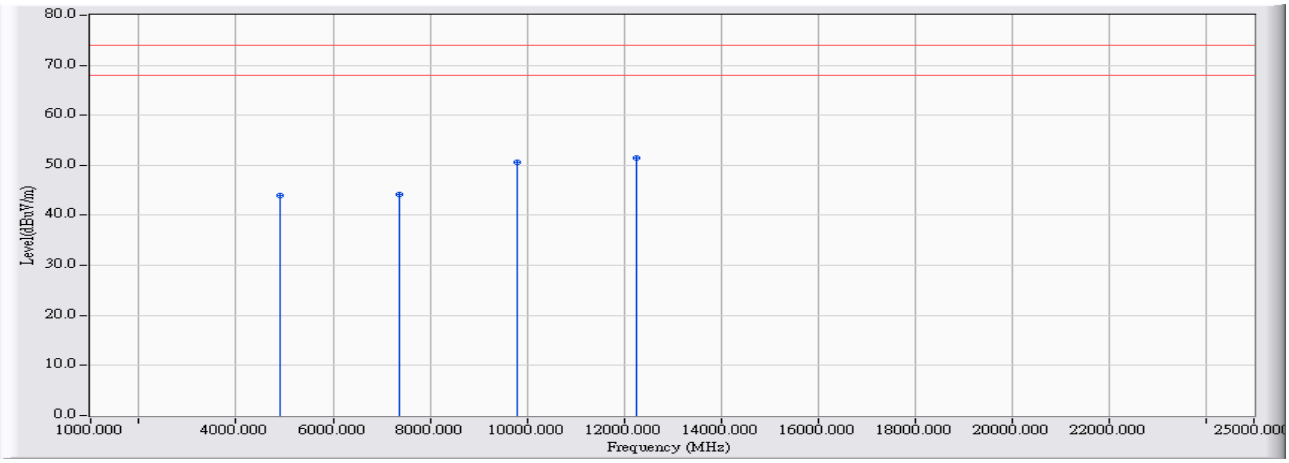


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4904.000	0.618	43.510	44.128	-29.872	74.000	54.00	PEAK
2		7356.000	7.441	38.080	45.521	-28.479	74.000	54.00	PEAK
3		9808.000	11.461	38.430	49.891	-24.109	74.000	54.00	PEAK
4	*	12260.000	14.832	36.820	51.652	-22.348	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2009/09/28 - 14:08**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4904.000	2.590	41.450	44.040	-29.960	74.000	54.00	PEAK
2		7356.020	6.689	37.440	44.129	-29.871	74.000	54.00	PEAK
3		9808.030	11.719	38.860	50.579	-23.421	74.000	54.00	PEAK
4	*	12260.010	13.988	37.510	51.499	-22.501	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

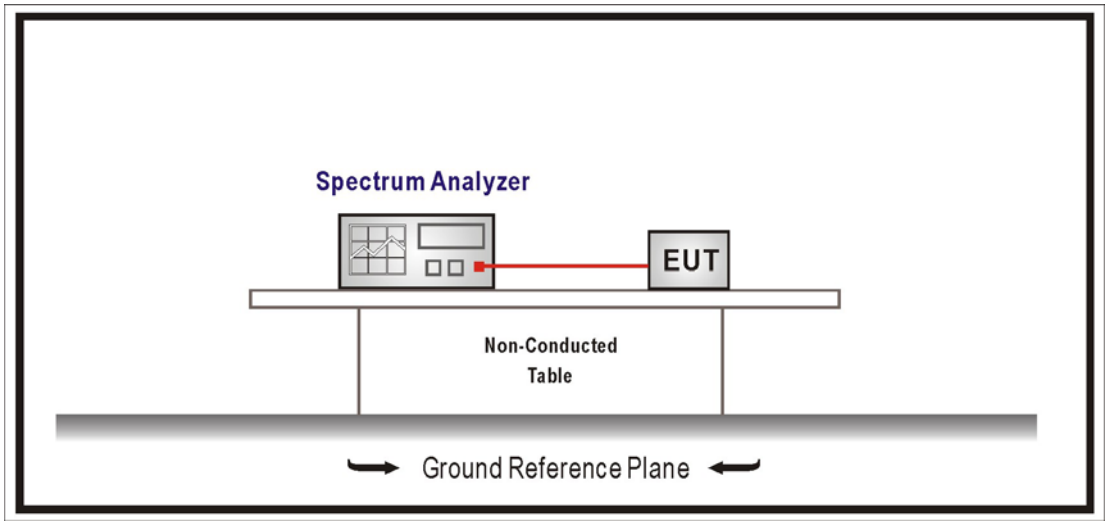
RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with “X” are used to measure the final test results.

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

5.6. Uncertainty

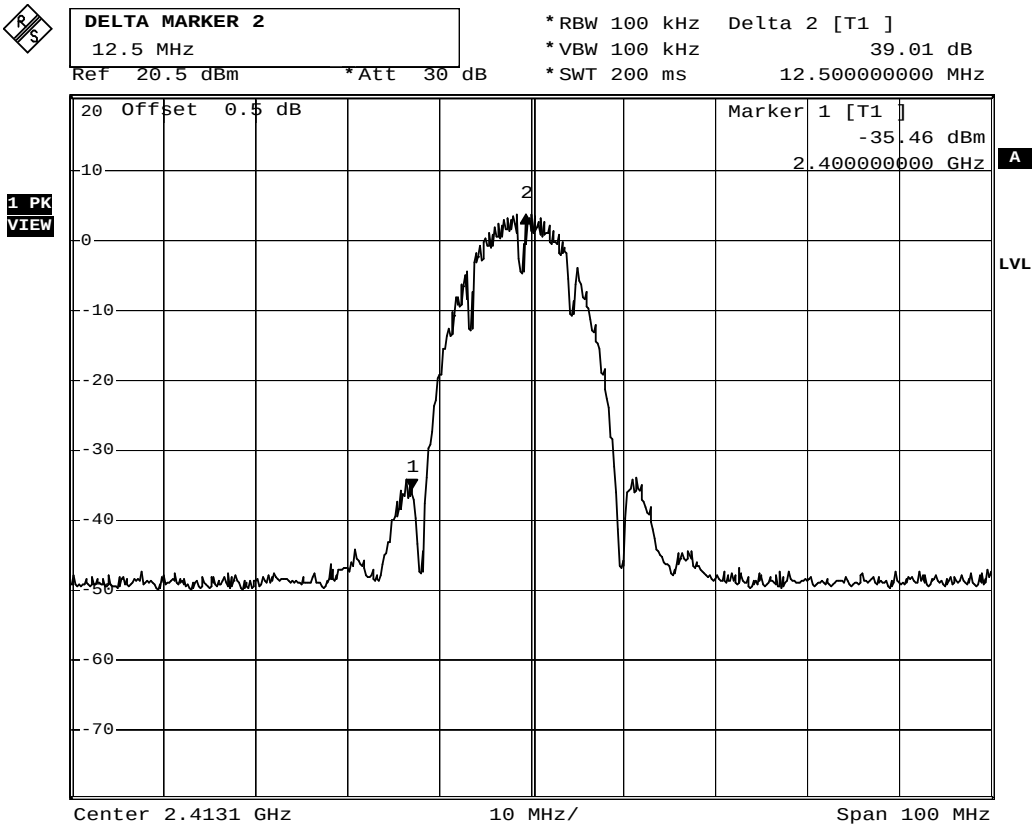
Conducted is defined as ± 1.27dB

5.7. Test Result

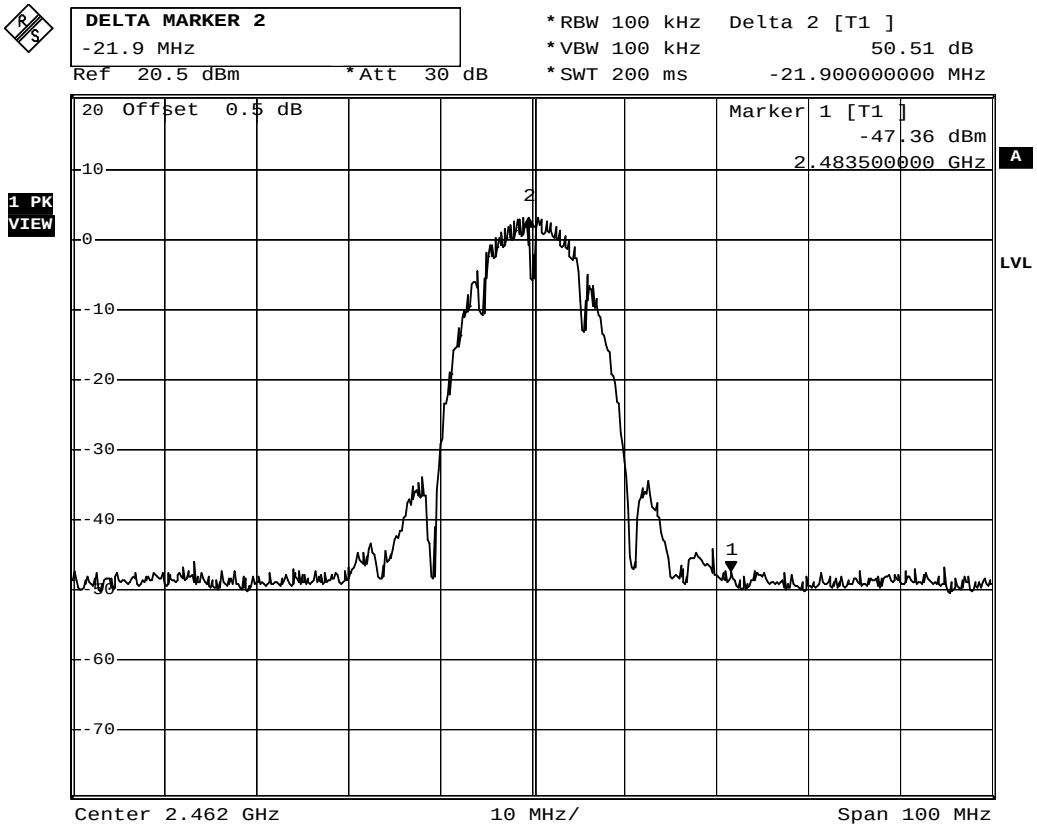
Product	ASUS EZ N Network Adapter		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11b, Antenna Gain: -0.86dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	39.01	≥20	Pass
11	2462	50.51	≥20	Pass

Channel 01 (2412MHz)



Channel 11 (2462MHz)

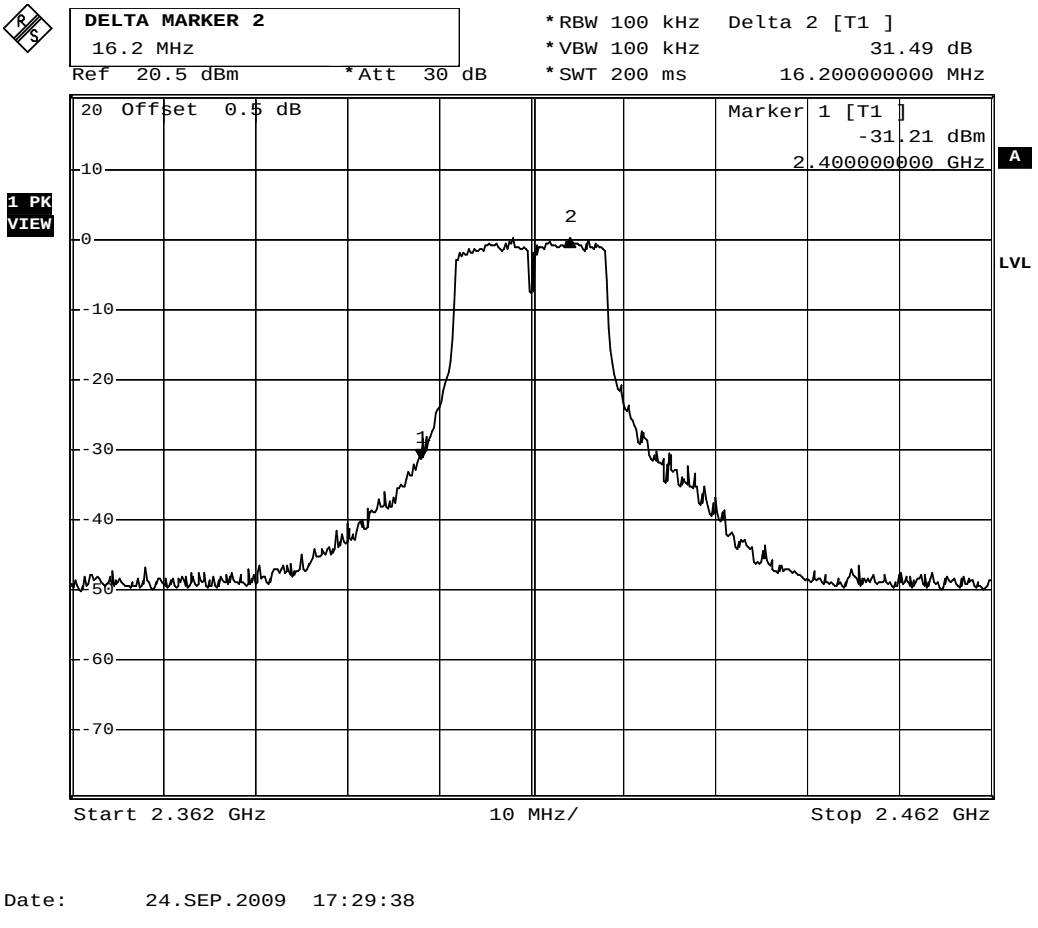


Date: 24.SEP.2009 17:27:02

Product	ASUS EZ N Network Adapter		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

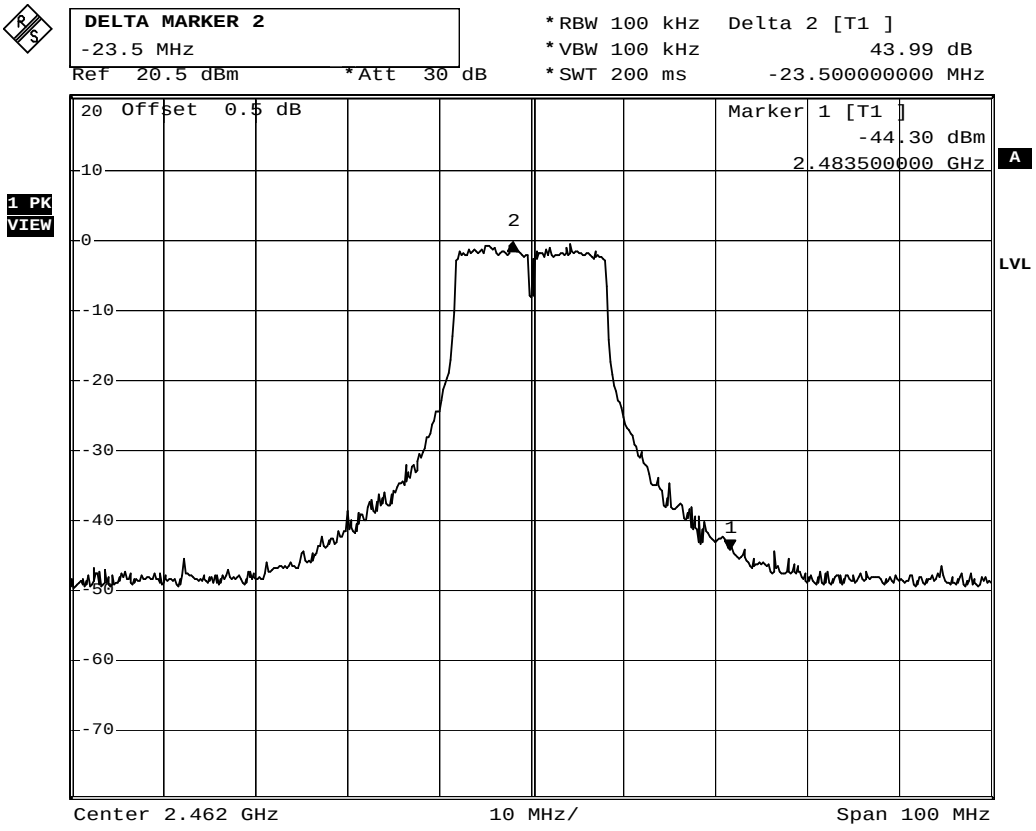
IEEE 802.11g, Antenna Gain: -0.86dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	31.49	≥20	Pass
11	2462	43.99	≥20	Pass

Channel 01 (2412MHz)



Date: 24.SEP.2009 17:29:38

Channel 11 (2462MHz)

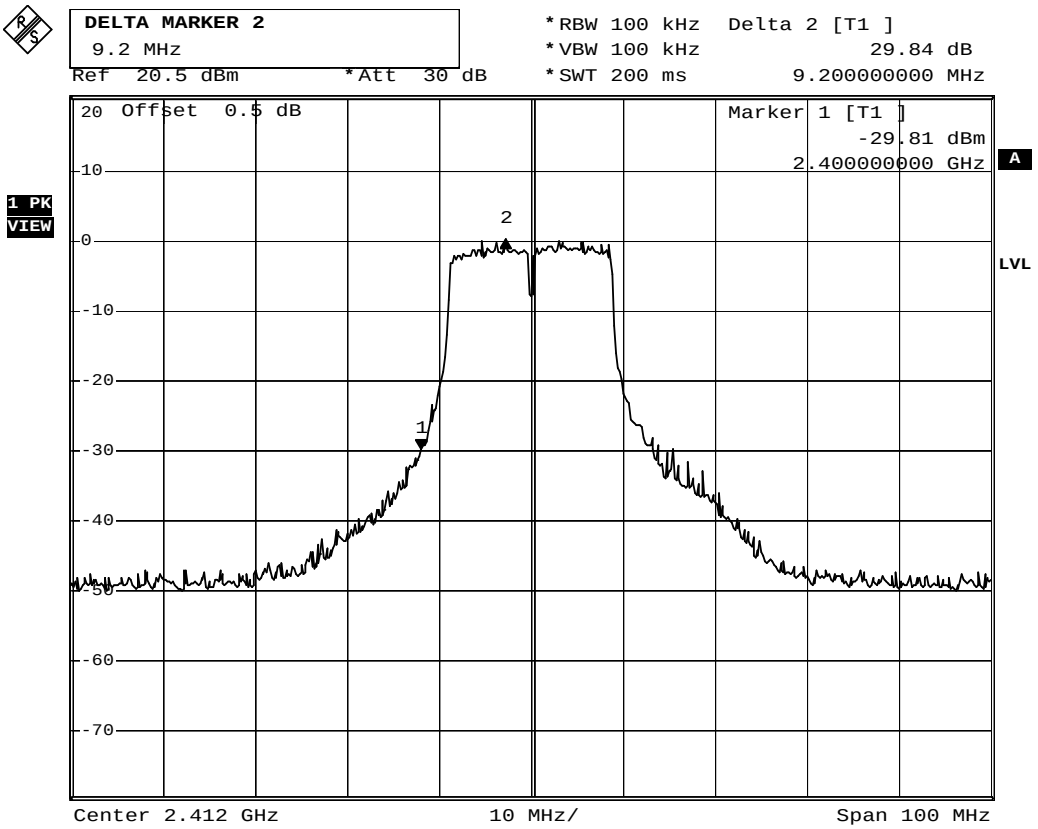


Date: 24.SEP.2009 17:30:34

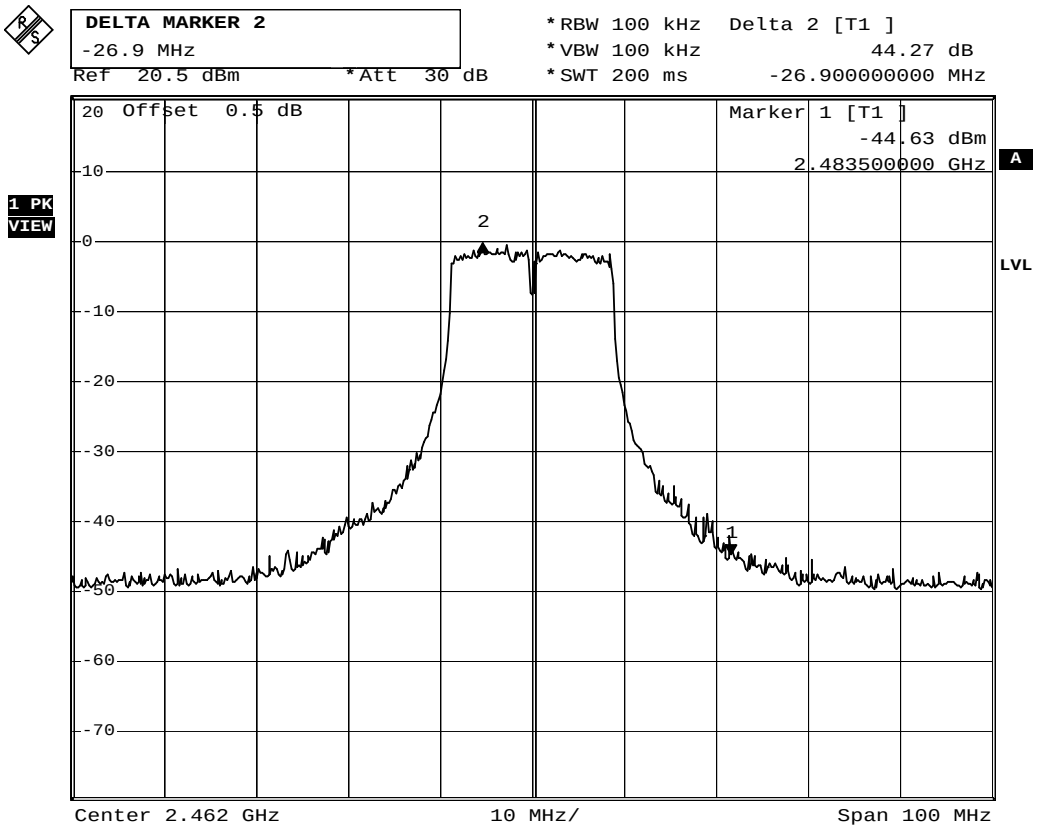
Product	ASUS EZ N Network Adapter		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11n (20MHz), Antenna Gain: -0.86dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	29.84	≥20	Pass
11	2462	44.27	≥20	Pass

Channel 1 (2412MHz)



Channel 11 (2462MHz)

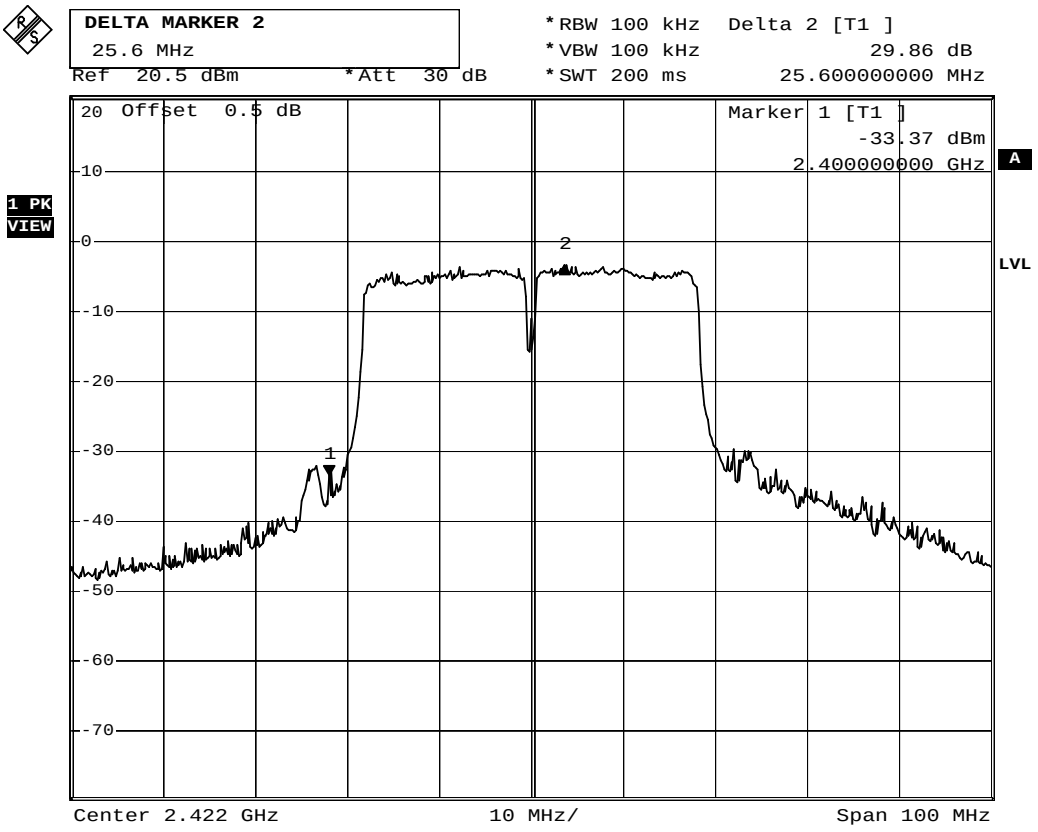


Date: 24.SEP.2009 17:38:24

Product	ASUS EZ N Network Adapter		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

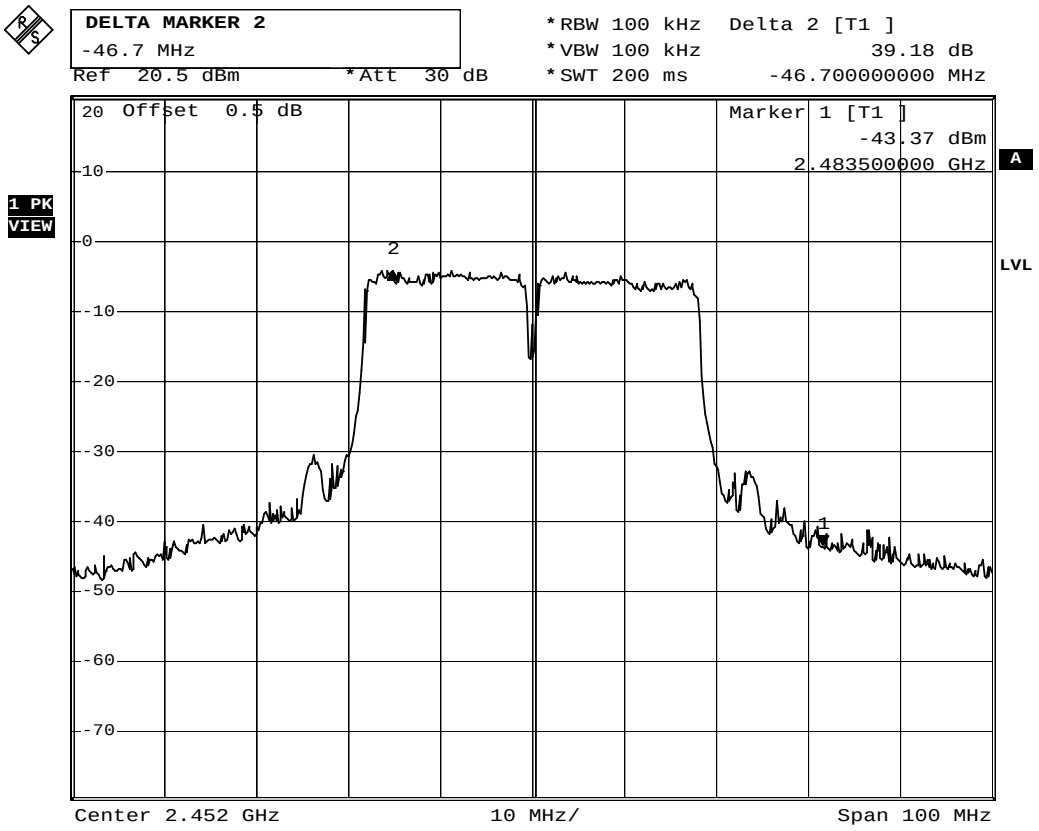
IEEE 802.11n (40MHz), Antenna Gain: -0.86dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	29.86	≥20	Pass
9	2452	39.18	≥20	Pass

Channel 3 (2422MHz)



Date: 24.SEP.2009 17:40:24

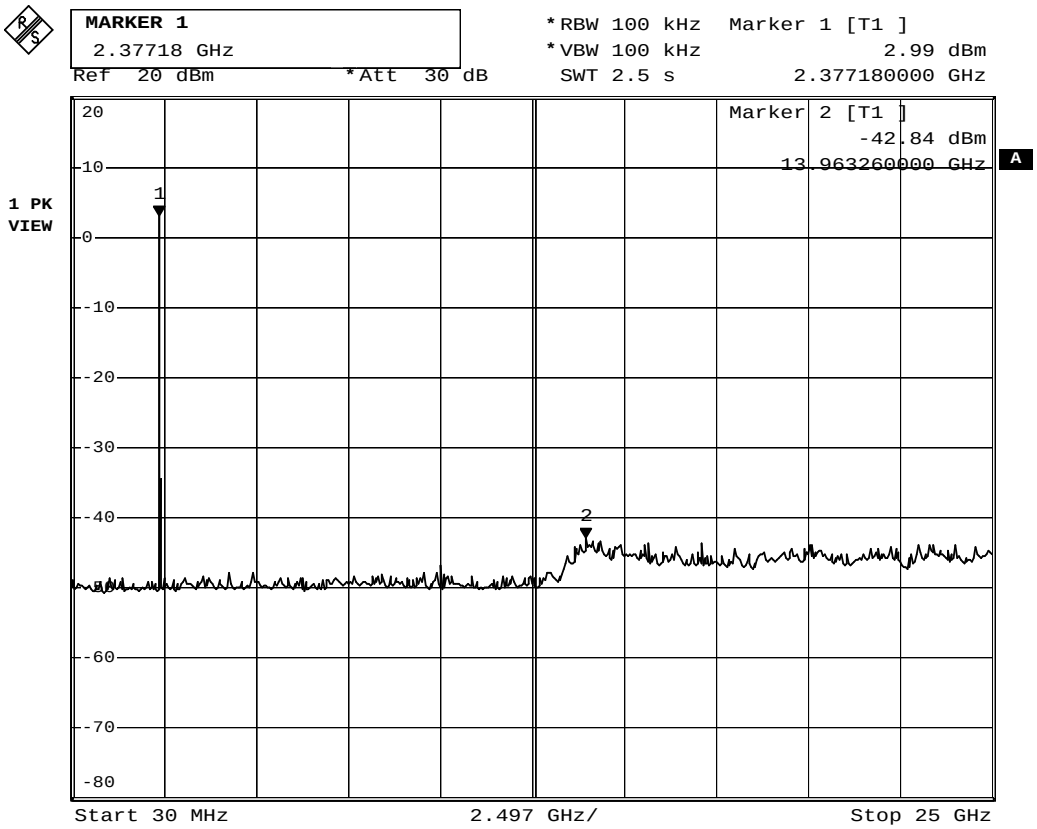
Channel 9 (2452MHz)



Date: 24.SEP.2009 17:43:22

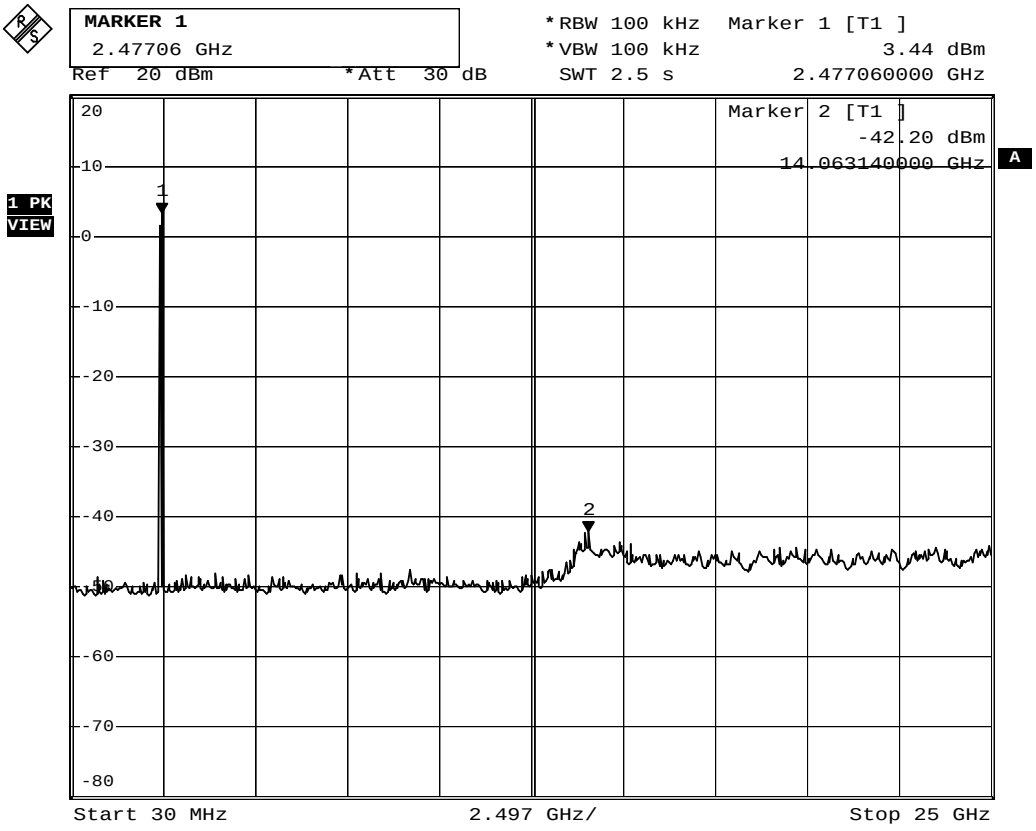
Product	ASUS EZ N Network Adapter		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/09/25	Test Site	No.1 OATS

2412MHz (30MHz-25GHz)-B



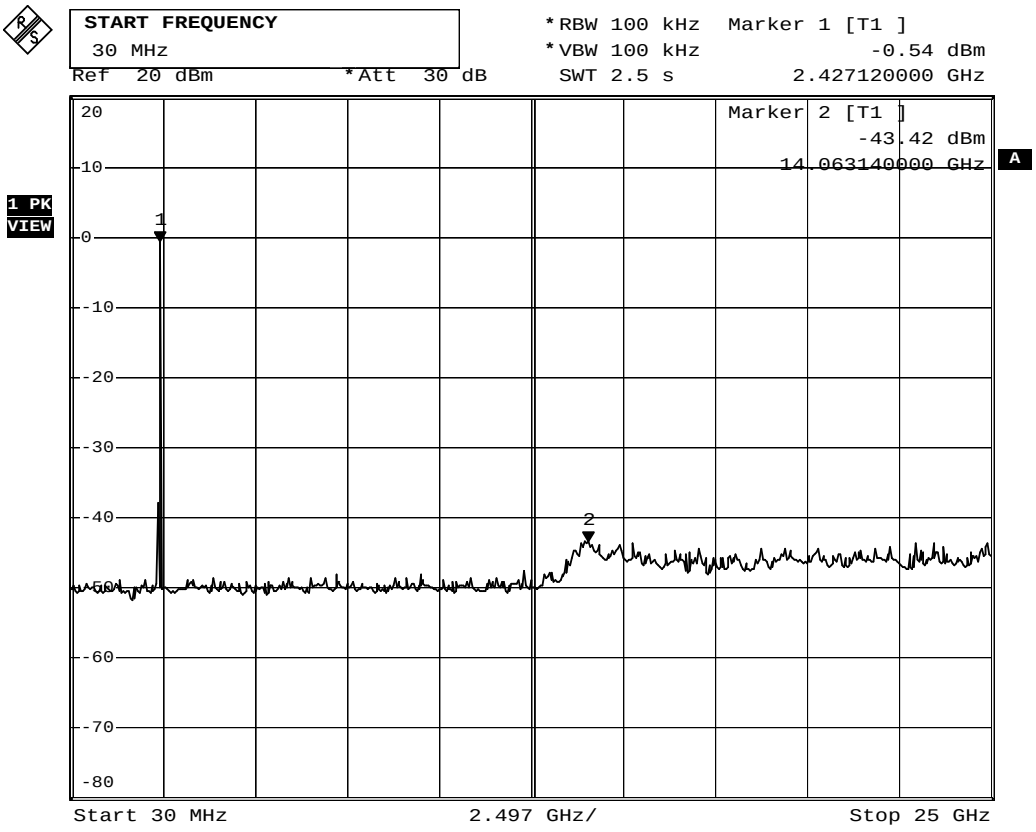
Date: 25.SEP.2009 09:50:32

2462MHz (30MHz-25GHz)-B



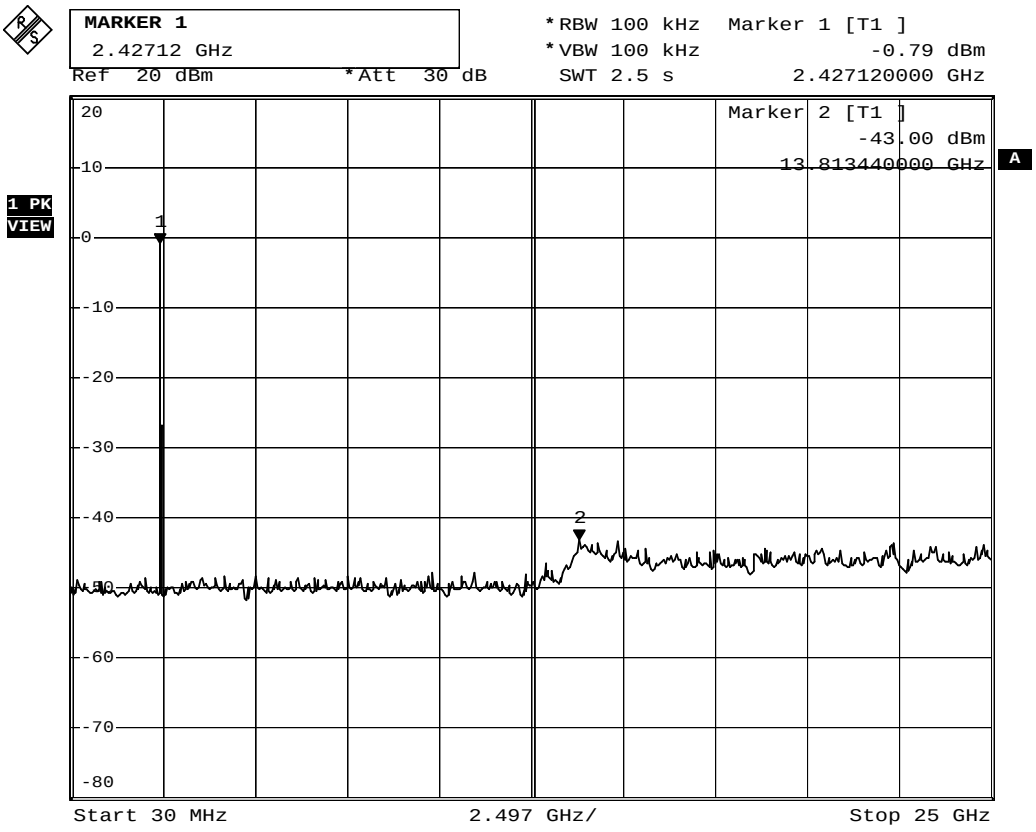
Date: 25.SEP.2009 10:00:16

2412MHz (30MHz-25GHz)-G



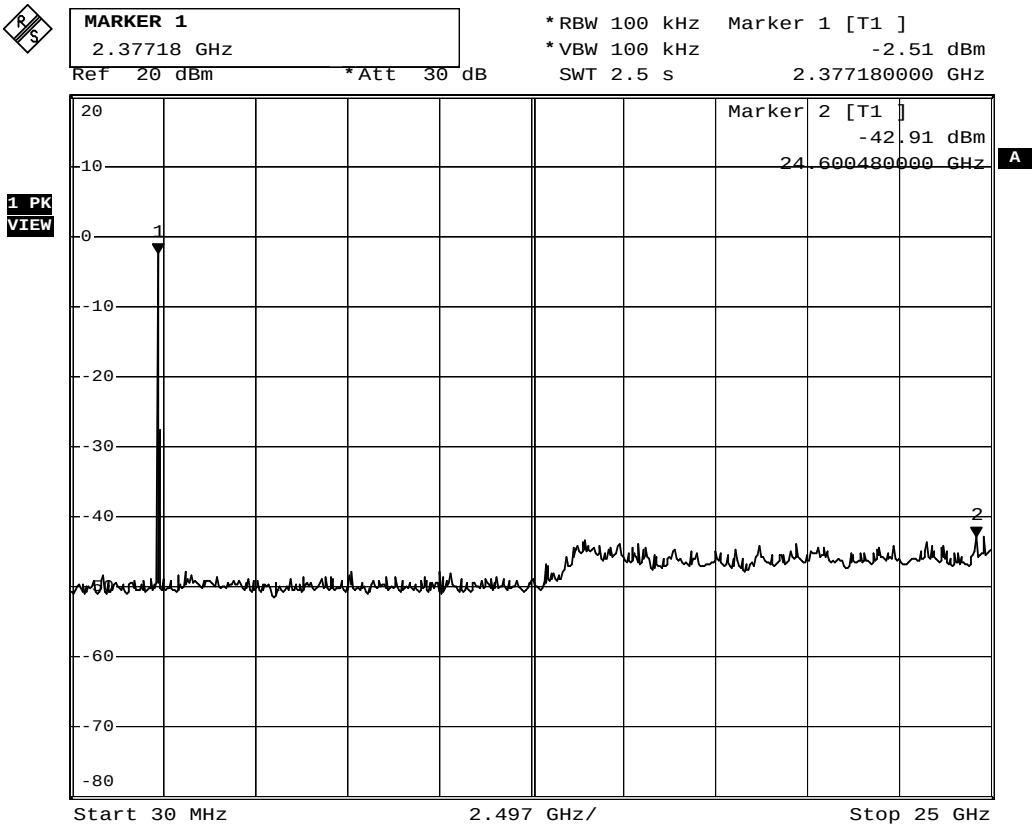
Date: 25.SEP.2009 10:03:05

2462MHz (30MHz-25GHz)-G



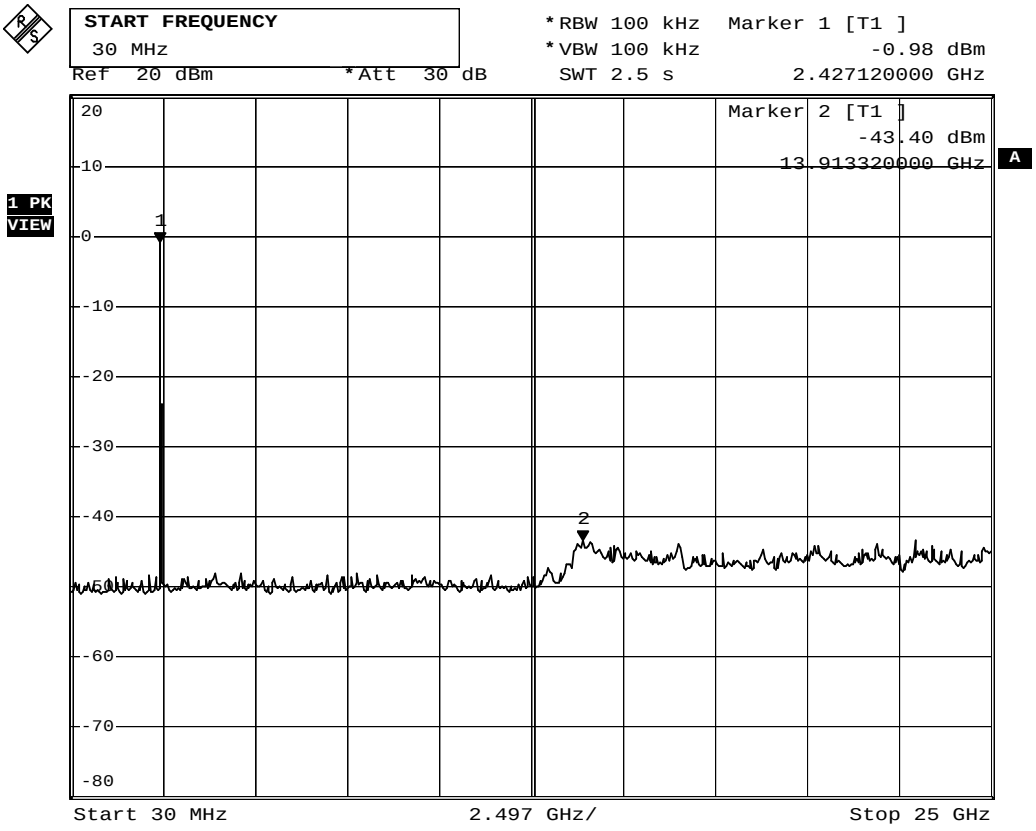
Date: 25.SEP.2009 10:05:20

2412MHz (30MHz-25GHz)-N (20M)



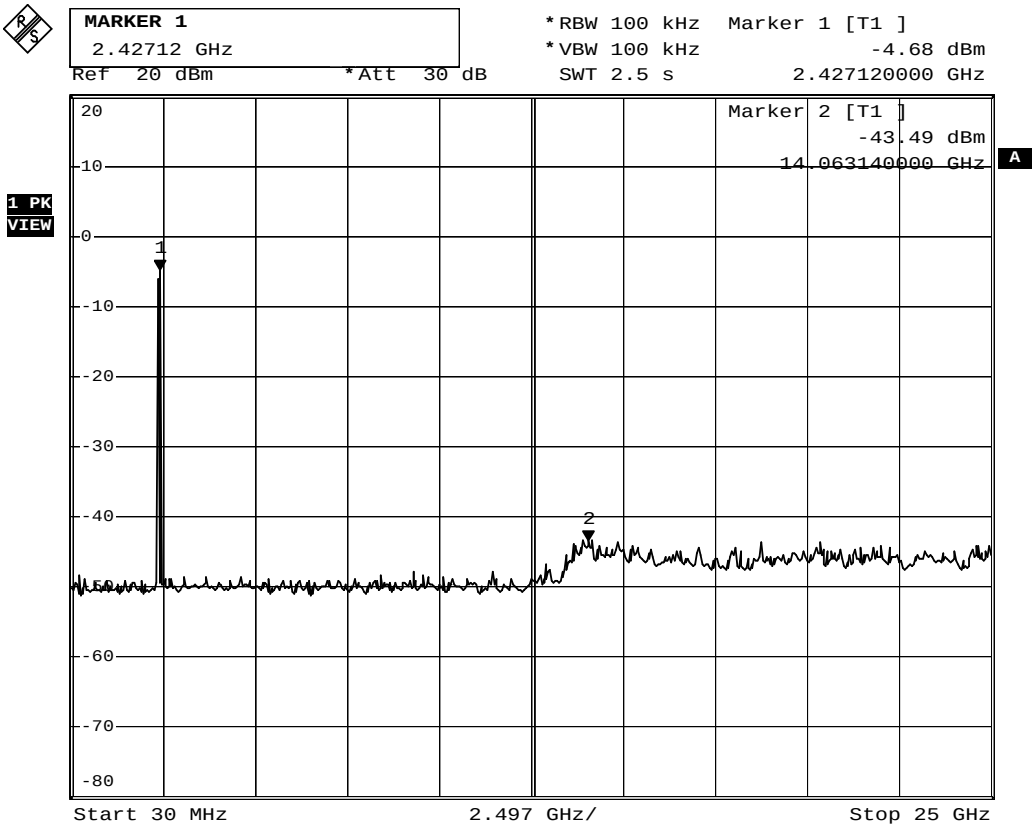
Date: 25.SEP.2009 10:06:39

2462MHz (30MHz-25GHz)-N (20M)



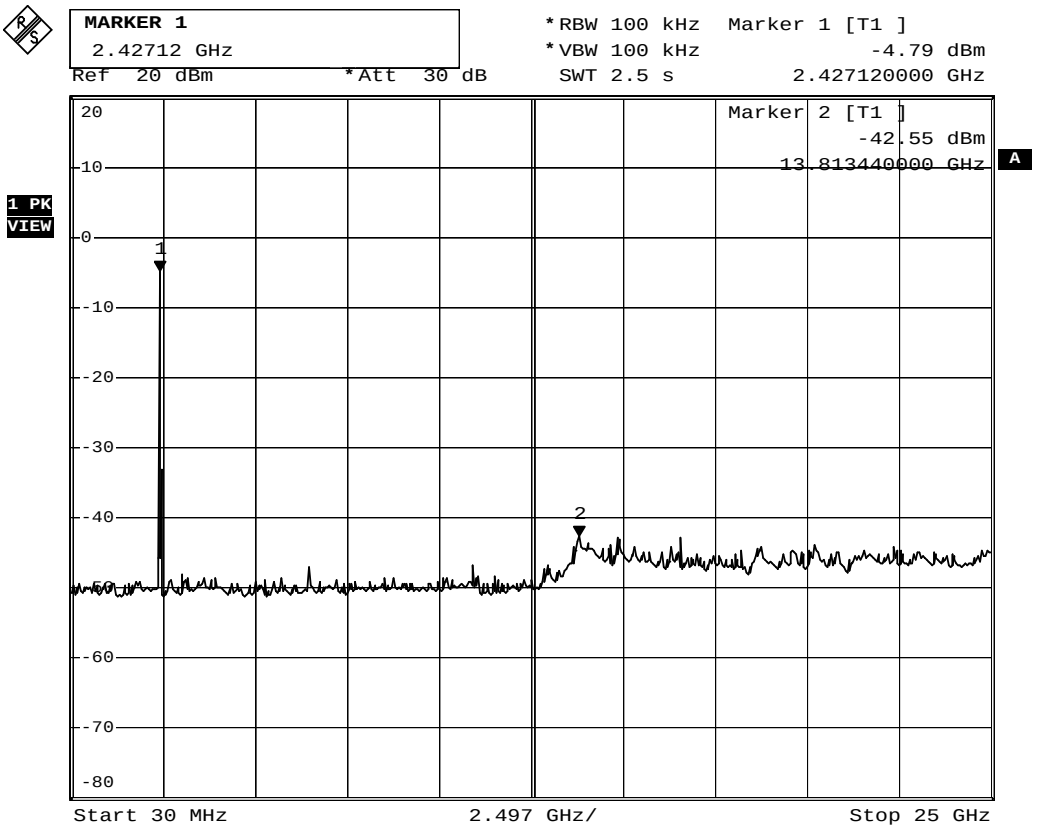
Date: 25.SEP.2009 10:07:46

2422MHz (30MHz-25GHz)-N (40M)



Date: 25.SEP.2009 10:09:45

2452MHz (30MHz-25GHz)-N (40M)



Date: 25.SEP.2009 10:10:30

6. Radiated Emission Band Edge

6.1. Test Equipment

The following test equipments are used during the test:

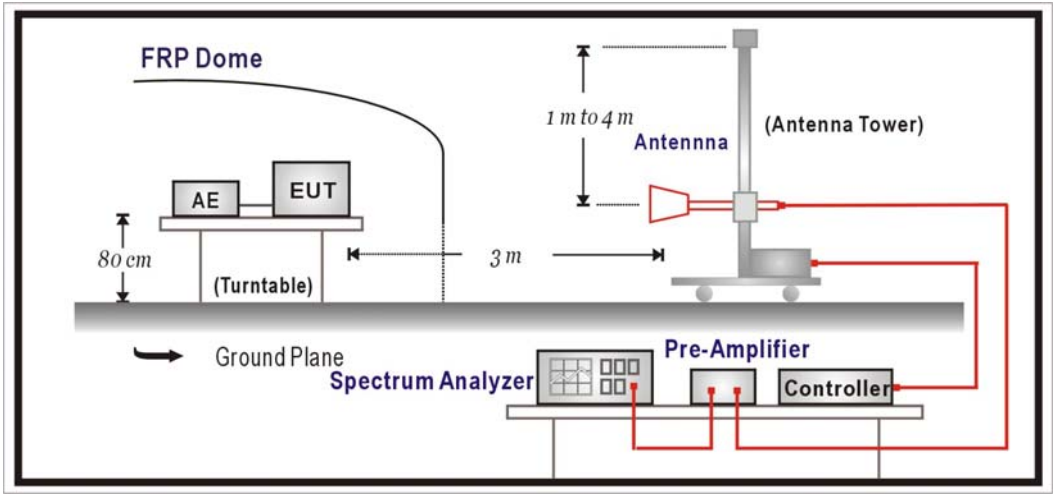
RF Radiated Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2009
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2009
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2009
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2009
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2009
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2009
7	No.1 OATS				Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with “X” are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

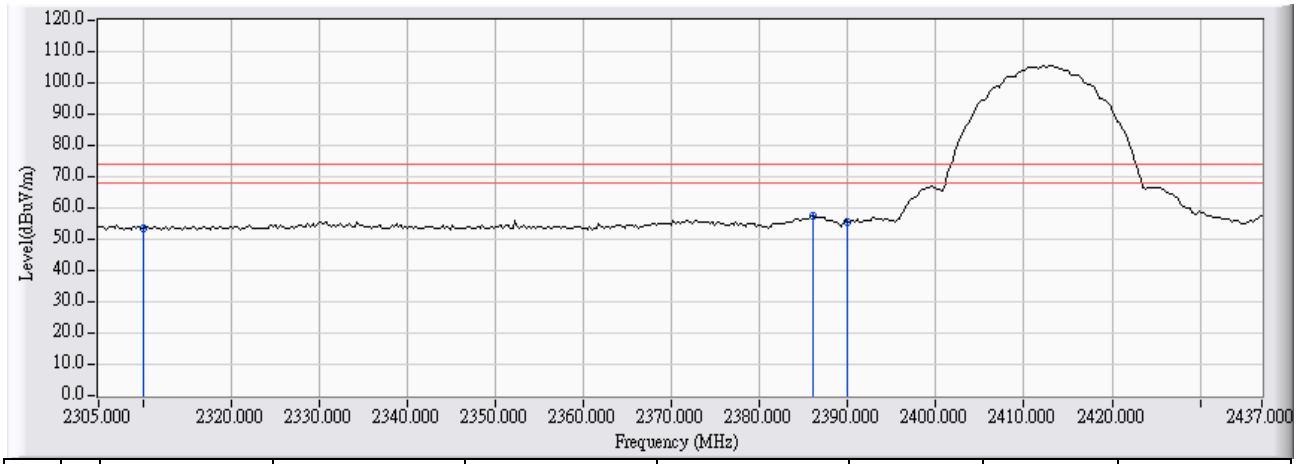
6.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : Site 1	**Time : 2009/09/25 - 18:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

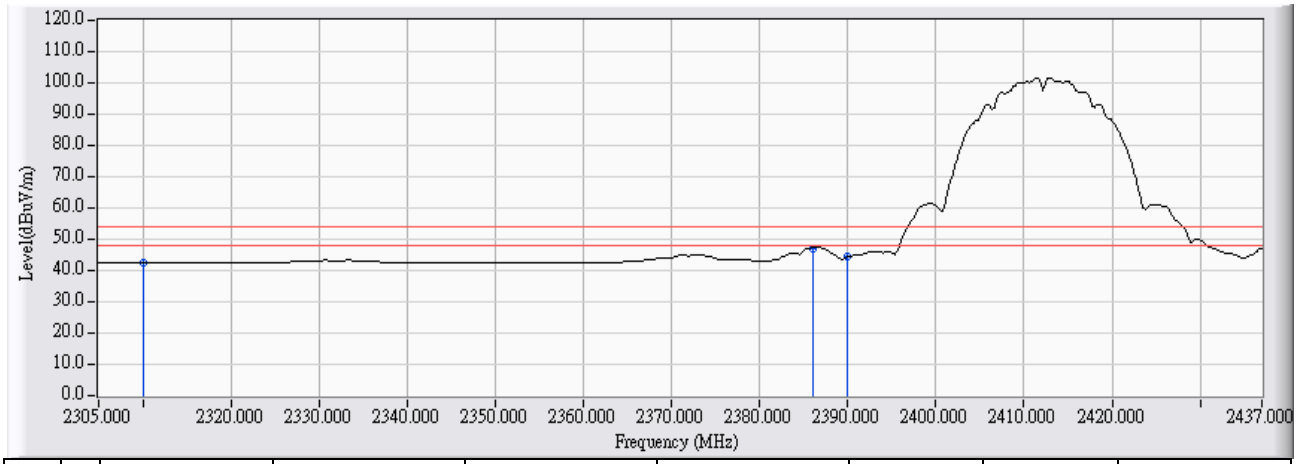


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	24.710	53.367	-20.633	74.000	PEAK
2	*	2386.048	29.016	28.341	57.358	-16.642	74.000	PEAK
3		2390.000	29.036	26.409	55.445	-18.555	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 18:22**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

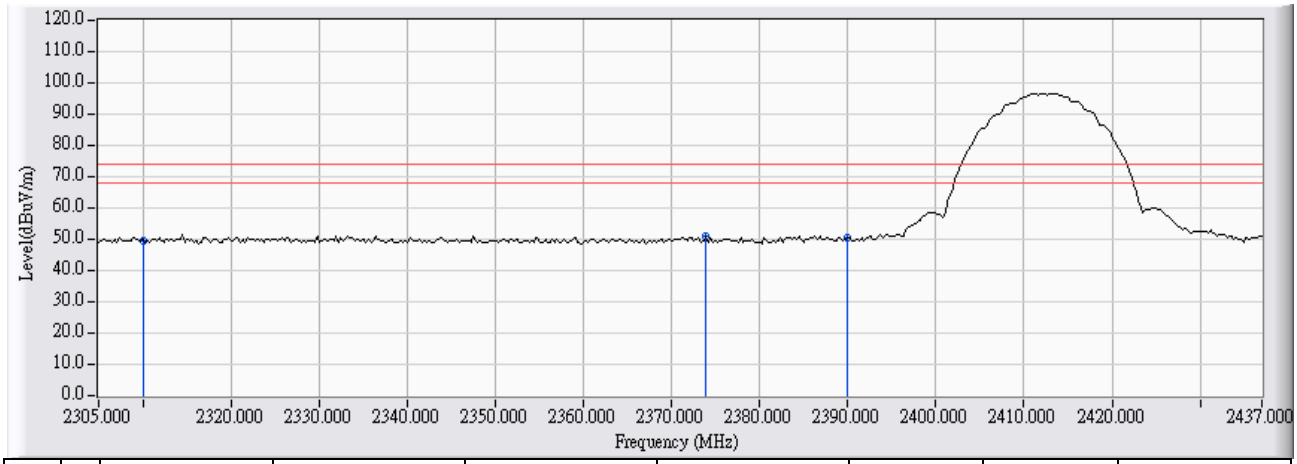


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	13.762	42.419	-11.581	54.000	AVERAGE
2	*	2386.040	29.016	18.230	47.247	-6.753	54.000	AVERAGE
3		2390.000	29.036	15.226	44.262	-9.738	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:39**
Limit : FCC_SpartC_15.249_H_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

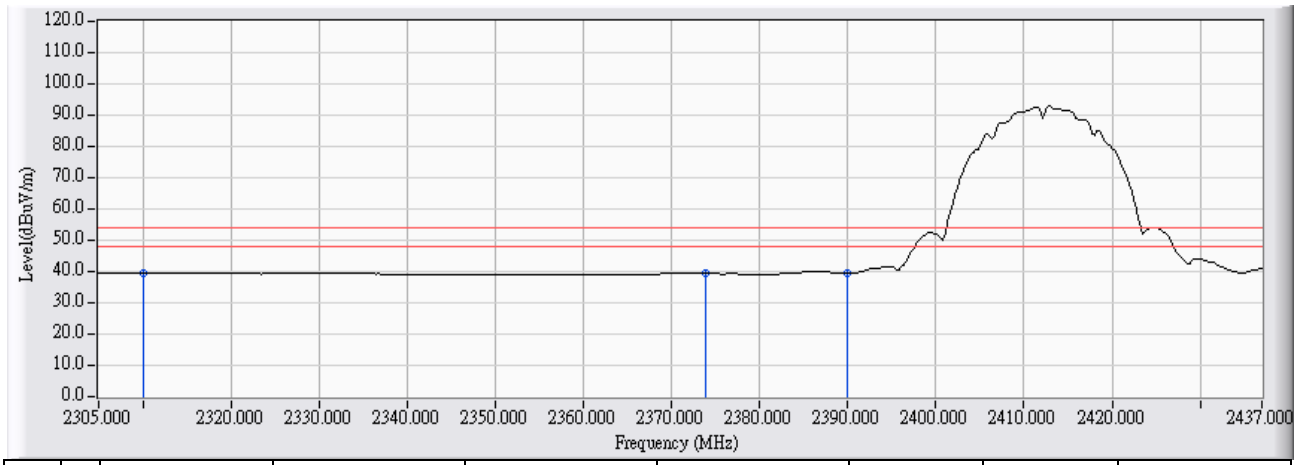


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	24.007	49.744	-24.226	74.000	PEAK
2	*	2373.904	25.522	25.714	51.236	-22.734	74.000	PEAK
3		2390.000	25.470	25.110	50.580	-23.390	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:40**
Limit : FCC_SpartC_15.249_H_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2412MHz**

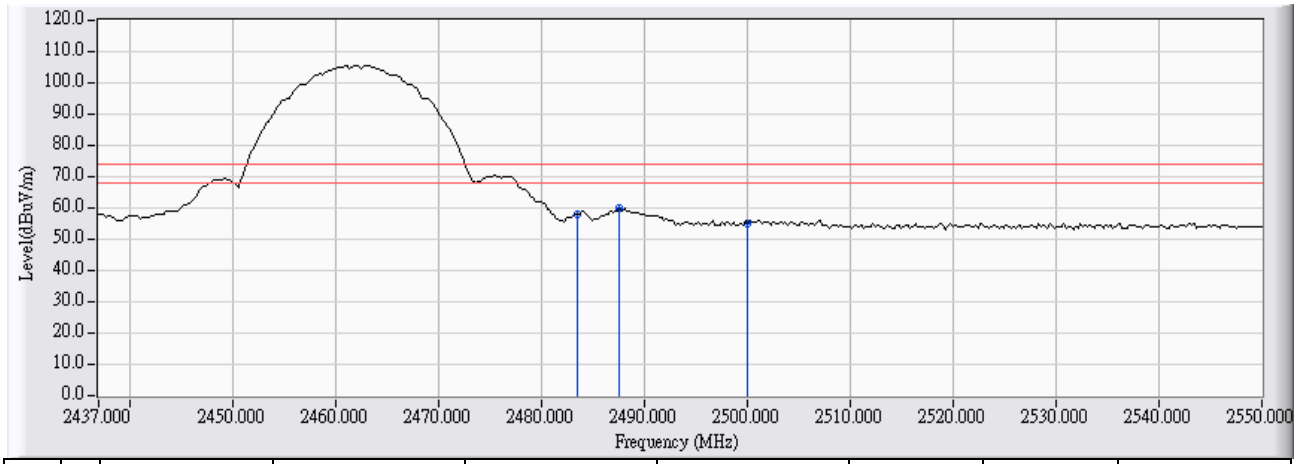


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	13.642	39.379	-14.591	54.000	AVERAGE
2	*	2373.904	25.522	14.065	39.587	-14.383	54.000	AVERAGE
3		2390.000	25.470	13.965	39.435	-14.535	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:04**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

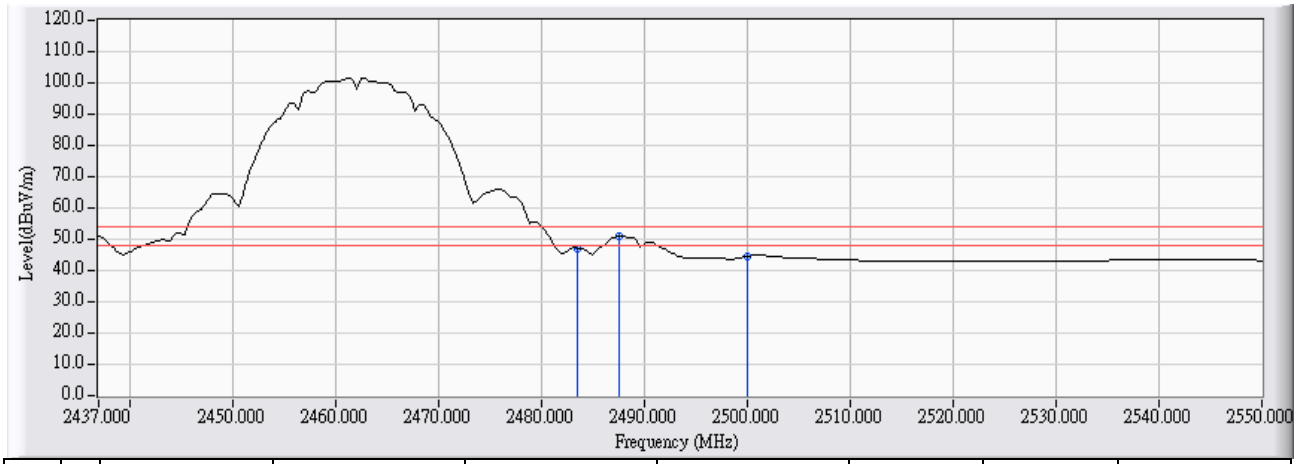


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	28.415	57.895	-16.105	74.000	PEAK
2	*	2487.624	29.500	30.580	60.080	-13.920	74.000	PEAK
3		2500.000	29.557	25.554	55.112	-18.888	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:05**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

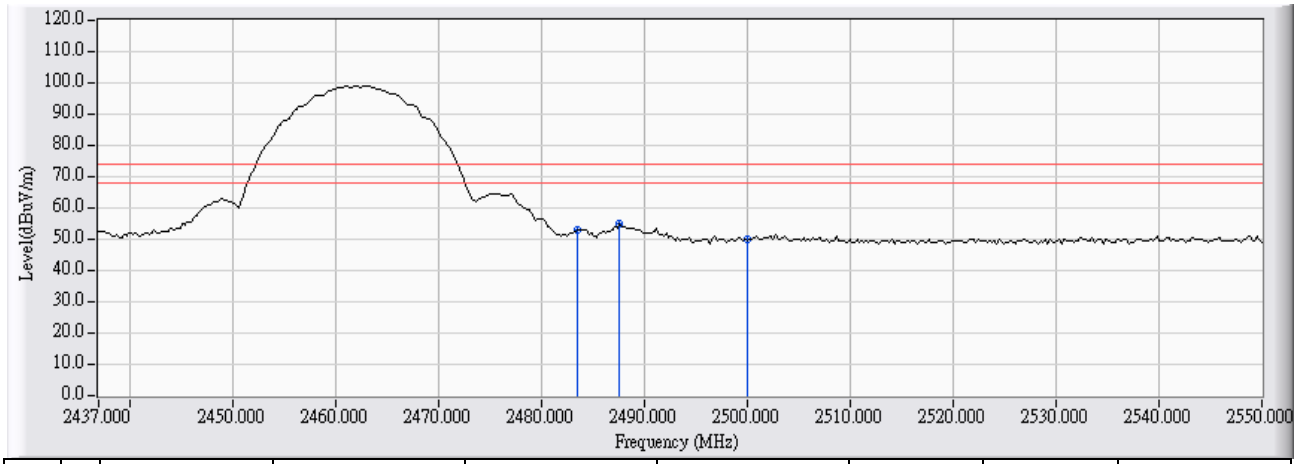


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	17.739	47.219	-6.781	54.000	AVERAGE
2	*	2487.624	29.500	21.496	50.996	-3.004	54.000	AVERAGE
3		2500.000	29.557	15.108	44.666	-9.334	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:53**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

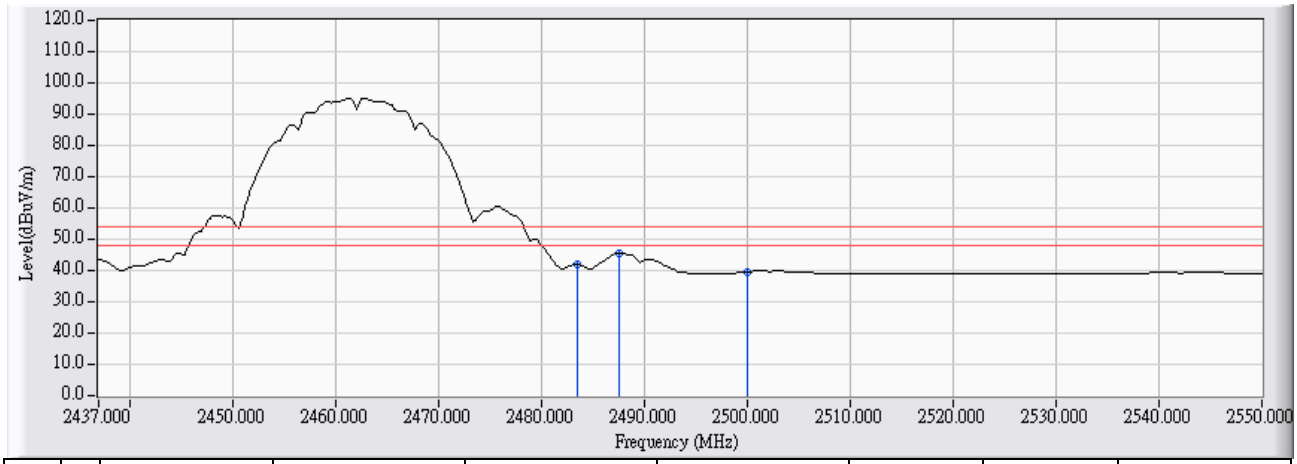


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	27.849	53.004	-20.996	74.000	PEAK
2	*	2487.624	25.140	30.051	55.191	-18.809	74.000	PEAK
3		2500.000	25.142	24.696	49.838	-24.162	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:54**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_B_2462MHz**

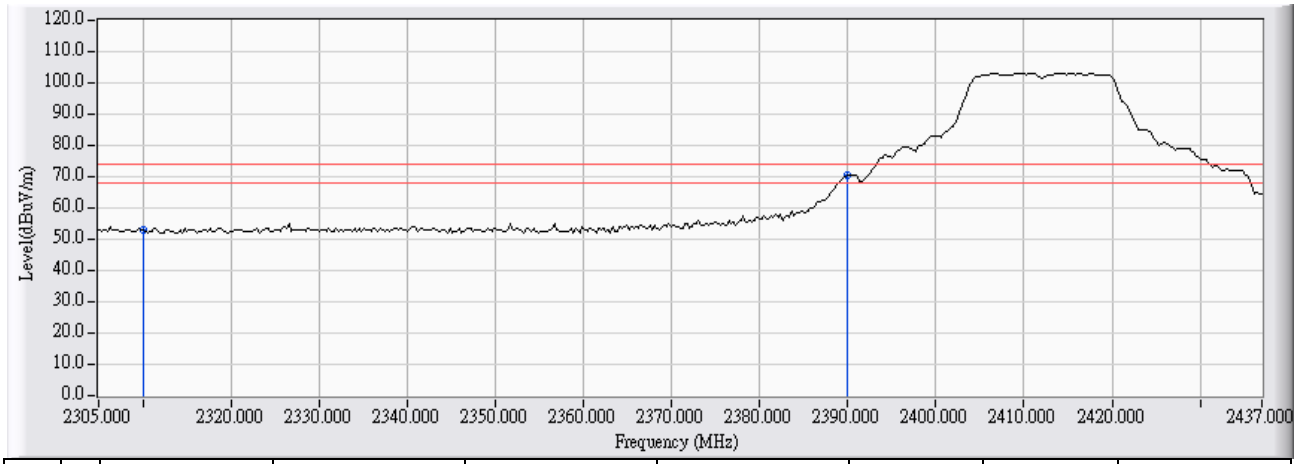


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	16.820	41.975	-12.025	54.000	AVERAGE
2	*	2487.624	25.140	20.341	45.481	-8.519	54.000	AVERAGE
3		2500.000	25.142	14.457	39.599	-14.401	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 18:24**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

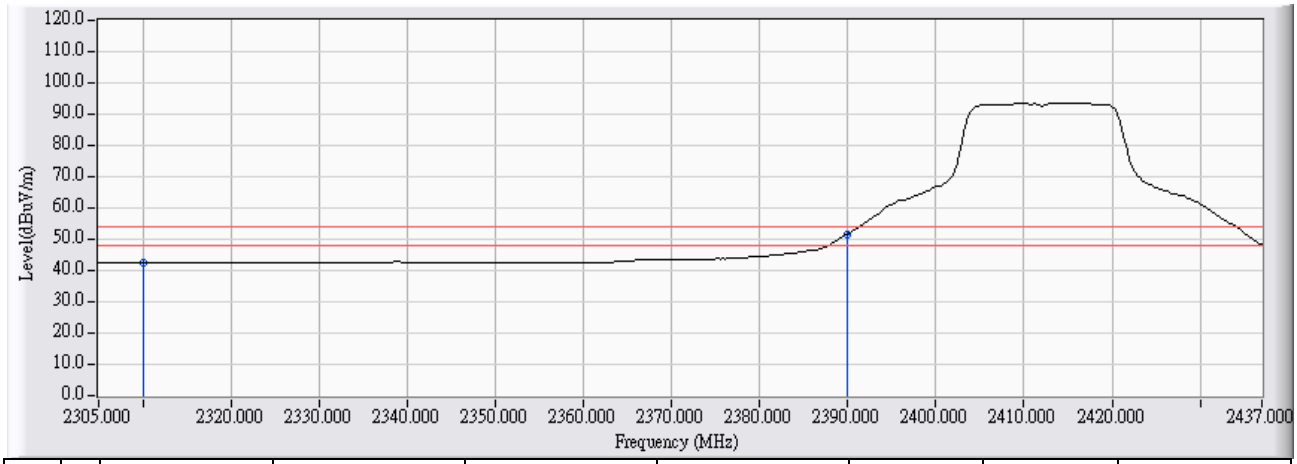


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	24.251	52.908	-21.092	74.000	PEAK
2	*	2390.000	29.036	41.646	70.682	-3.318	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 18:25**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

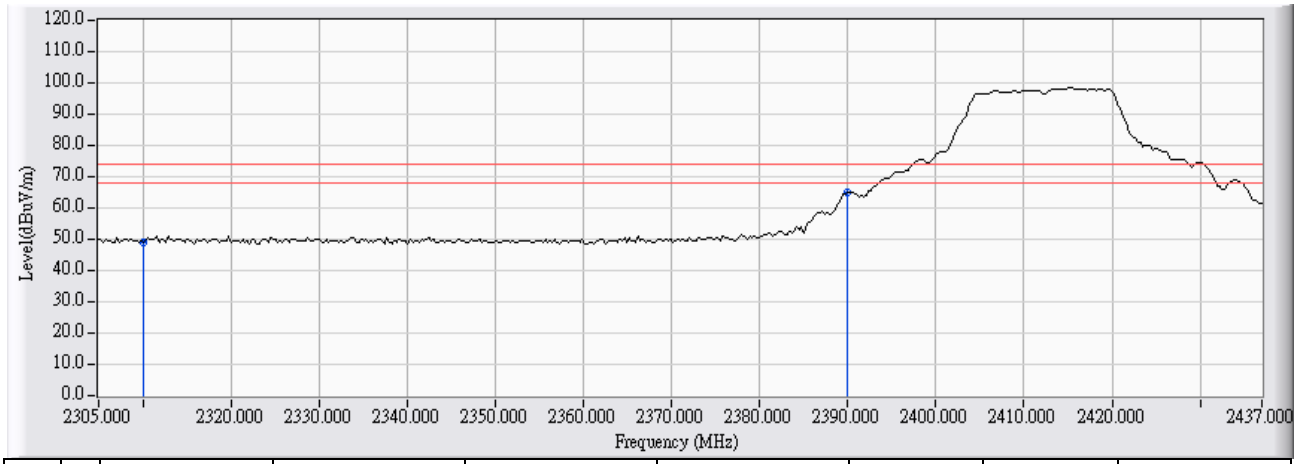


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	13.733	42.390	-11.610	54.000	AVERAGE
2	*	2390.000	29.036	22.614	51.650	-2.350	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

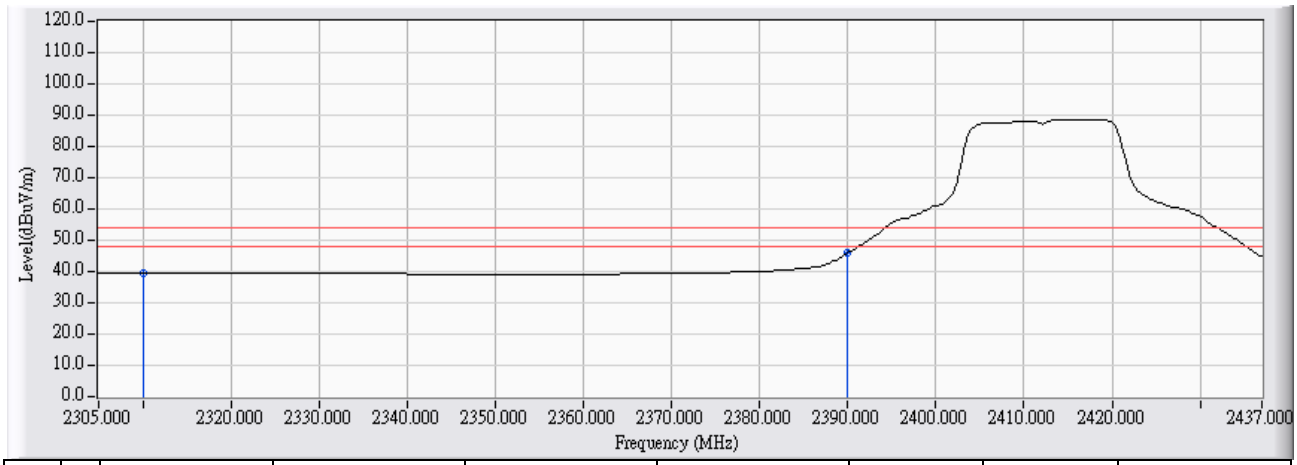


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	23.416	49.153	-24.847	74.000	PEAK
2	*	2390.000	25.470	39.525	64.995	-9.005	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:44**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2412MHz**

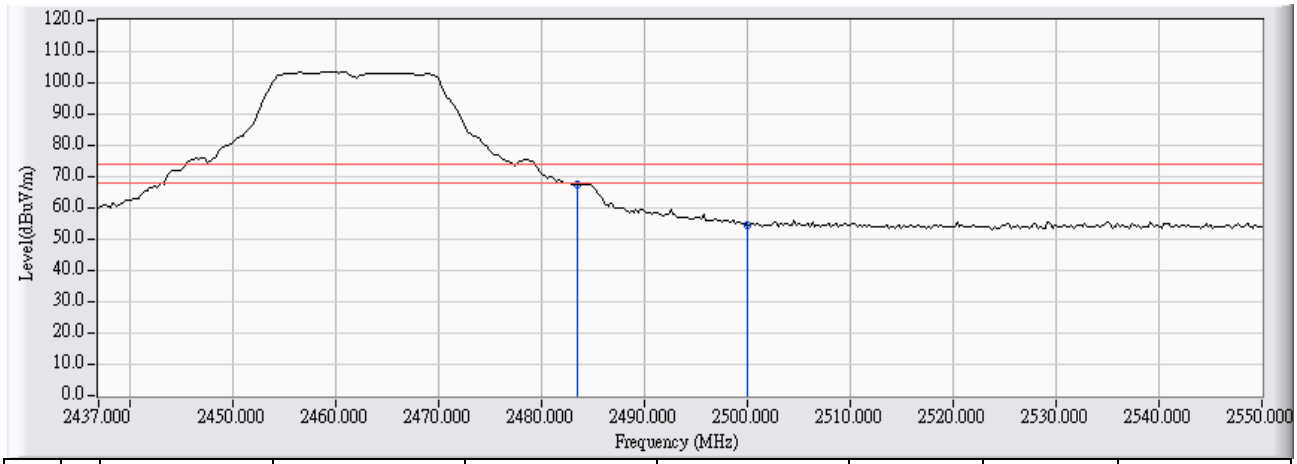


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	13.633	39.370	-14.630	54.000	AVERAGE
2	*	2390.000	25.470	20.370	45.840	-8.160	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

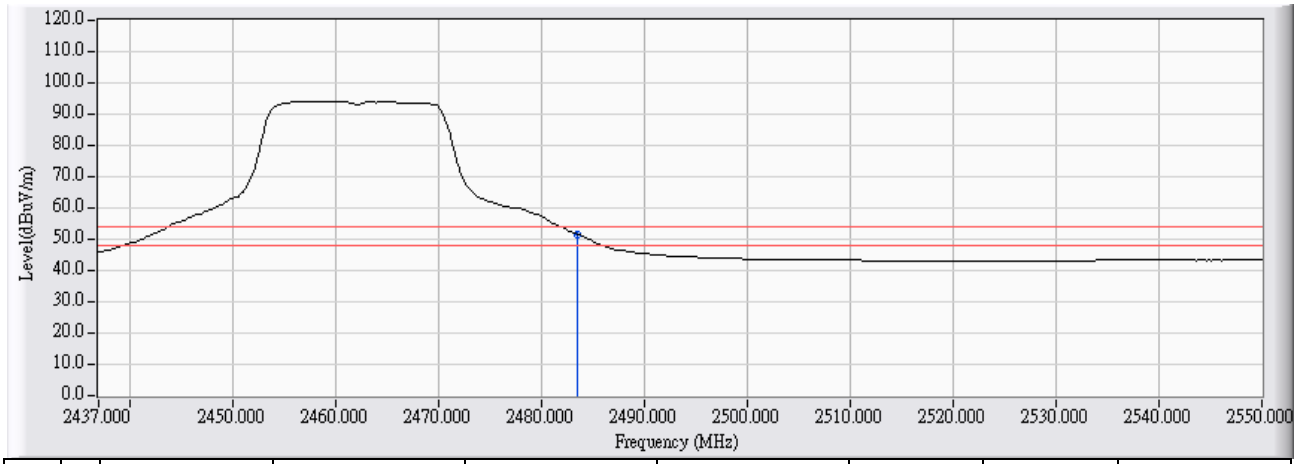


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	37.867	67.347	-6.653	74.000	PEAK
2		2500.000	29.557	24.893	54.451	-19.549	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

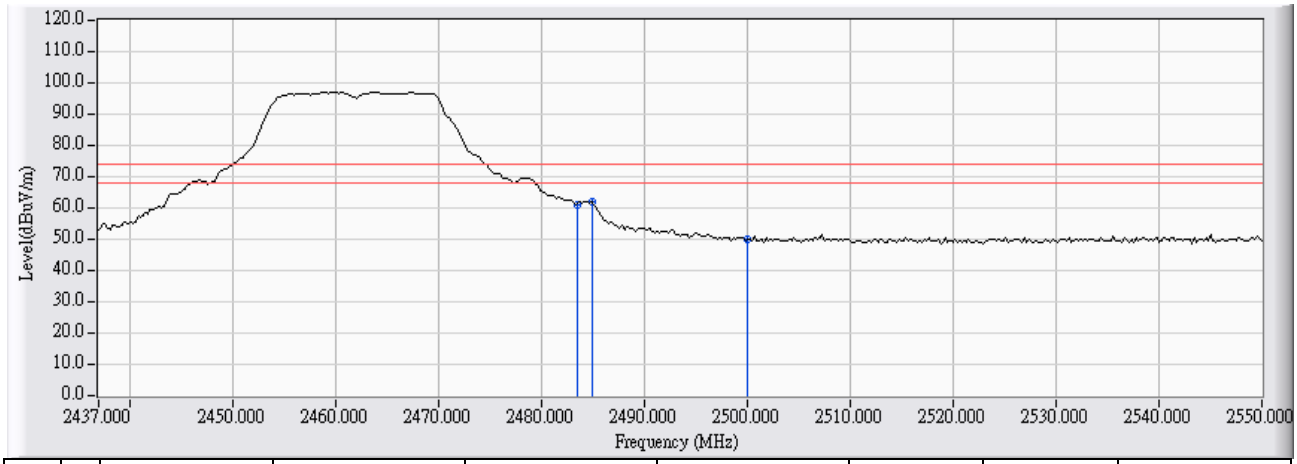


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	22.135	51.615	-2.385	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:56**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

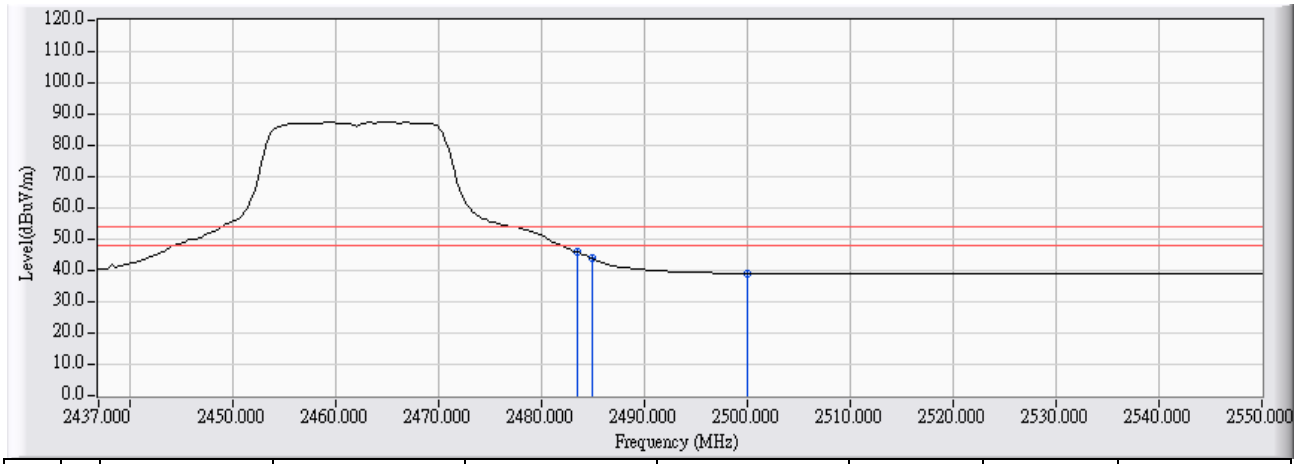


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	36.086	61.241	-12.759	74.000	PEAK
2	*	2484.912	25.149	36.671	61.821	-12.179	74.000	PEAK
3		2500.000	25.142	24.869	50.011	-23.989	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_G_2462MHz**

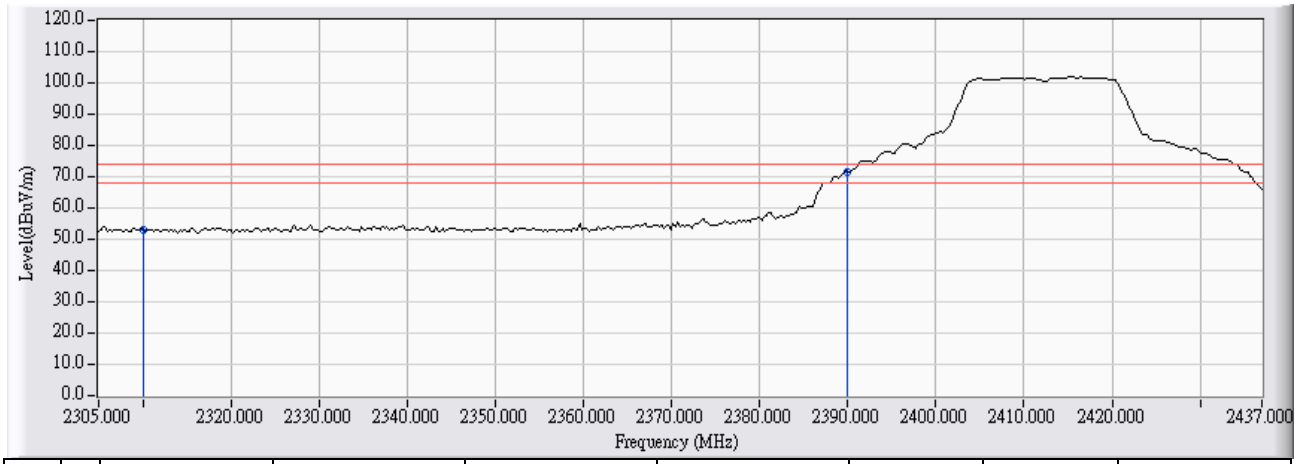


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	20.659	45.814	-8.186	54.000	AVERAGE
2		2484.912	25.149	18.633	43.783	-10.217	54.000	AVERAGE
3		2500.000	25.142	13.882	39.024	-14.976	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 18:26**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

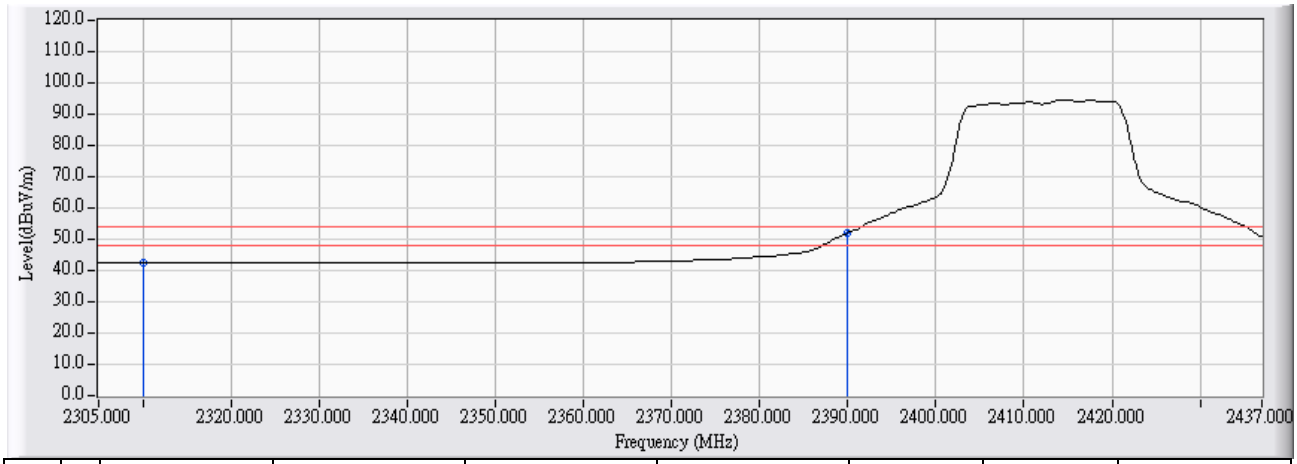


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	24.287	52.944	-21.056	74.000	PEAK
2	*	2390.000	29.036	42.702	71.738	-2.262	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 18:33**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

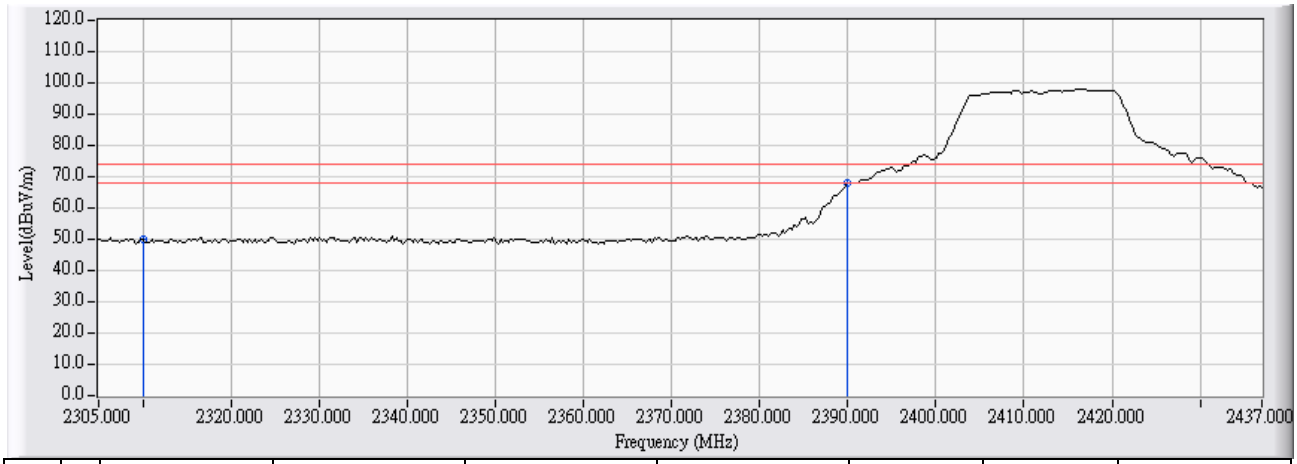


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	13.699	42.356	-11.644	54.000	AVERAGE
2	*	2390.000	29.036	22.986	52.022	-1.978	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

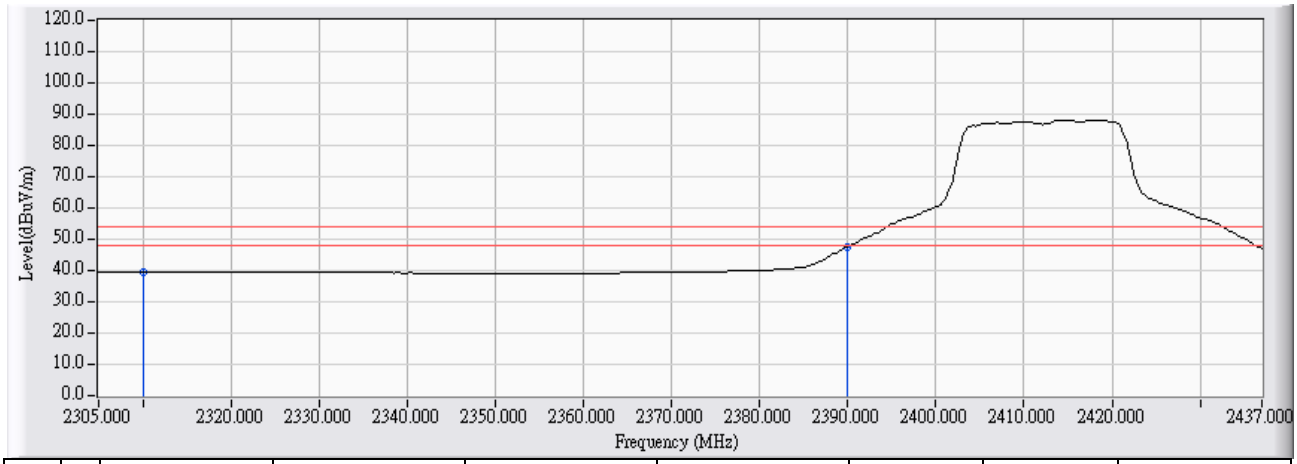


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	24.221	49.958	-24.042	74.000	PEAK
2	*	2390.000	25.470	42.349	67.819	-6.181	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 20:47**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2412MHz**

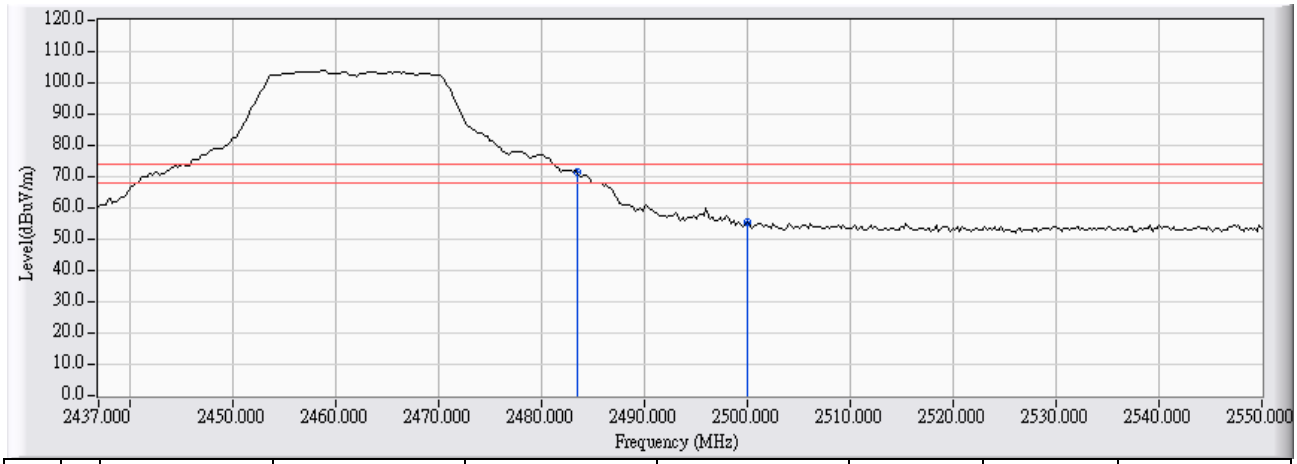


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	13.624	39.361	-14.639	54.000	AVERAGE
2	*	2390.000	25.470	22.228	47.698	-6.302	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

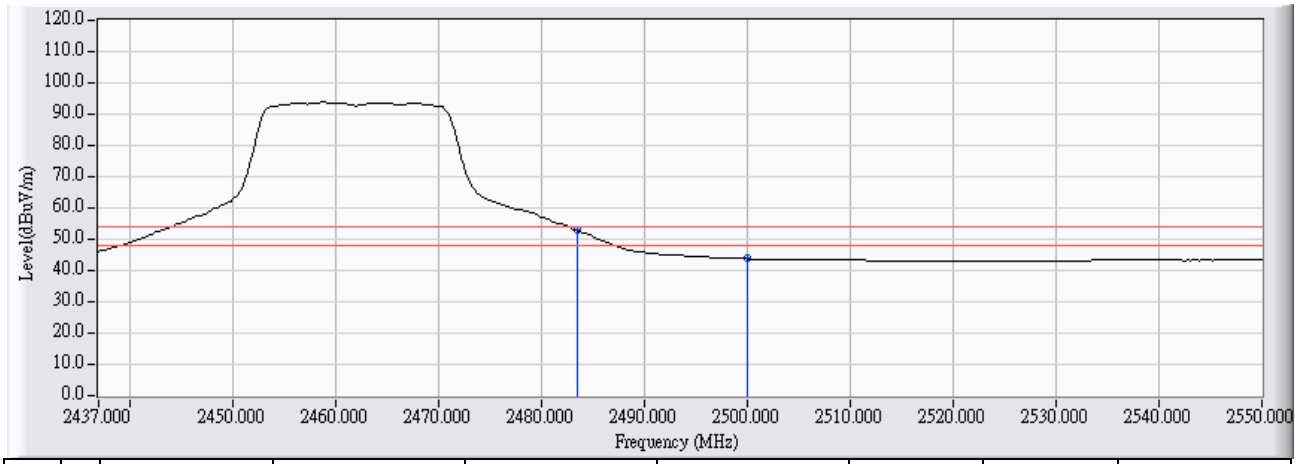


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	41.866	71.346	-2.654	74.000	PEAK
2		2500.000	29.557	25.818	55.376	-18.624	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:21**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

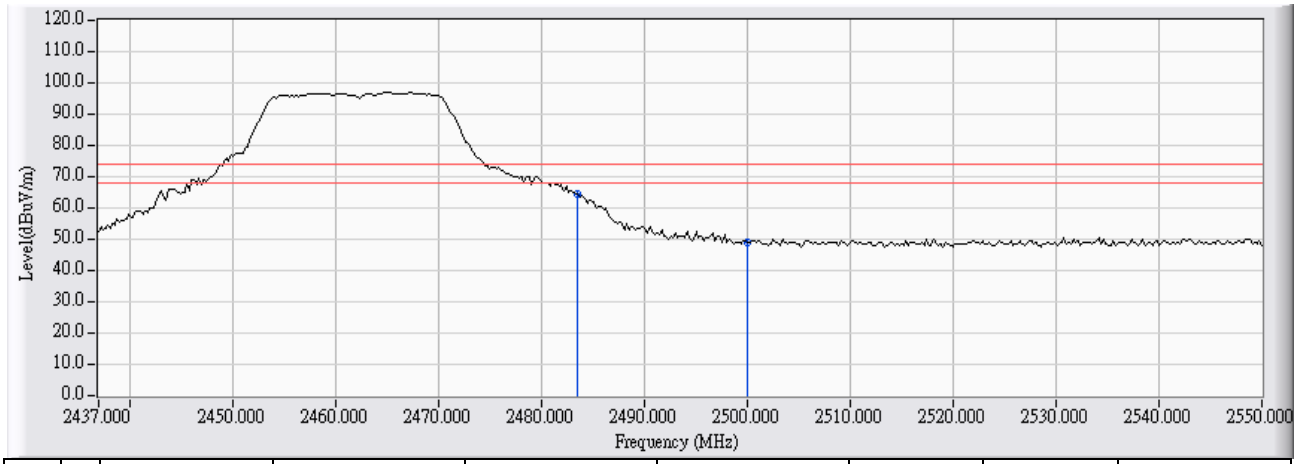


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	23.277	52.757	-1.243	54.000	AVERAGE
2		2500.000	29.557	14.195	43.753	-10.247	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 22:01**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

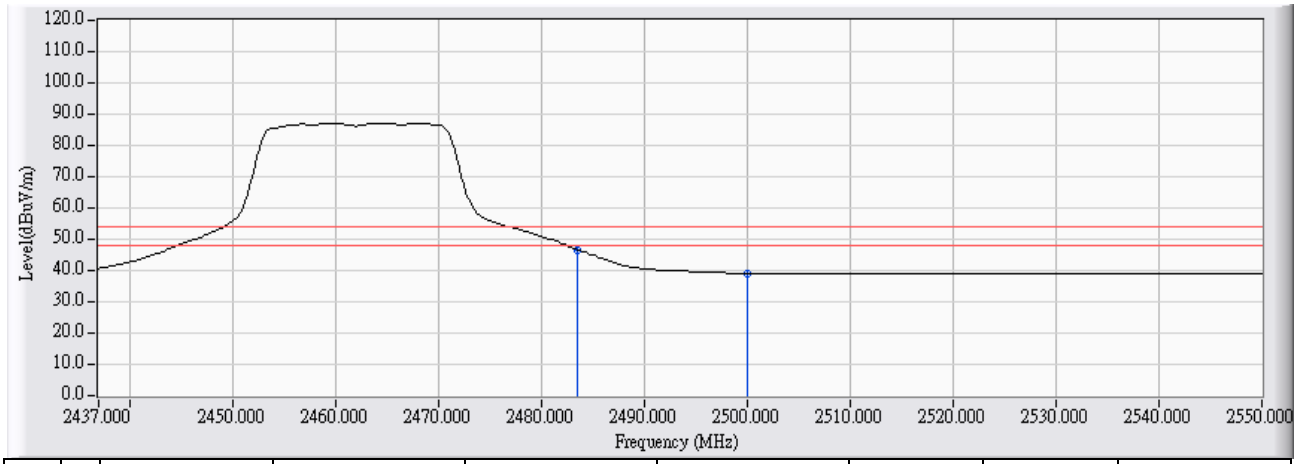


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	39.532	64.687	-9.313	74.000	PEAK
2		2500.000	25.142	23.841	48.983	-25.017	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 22:02**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(20M)_2462MHz**

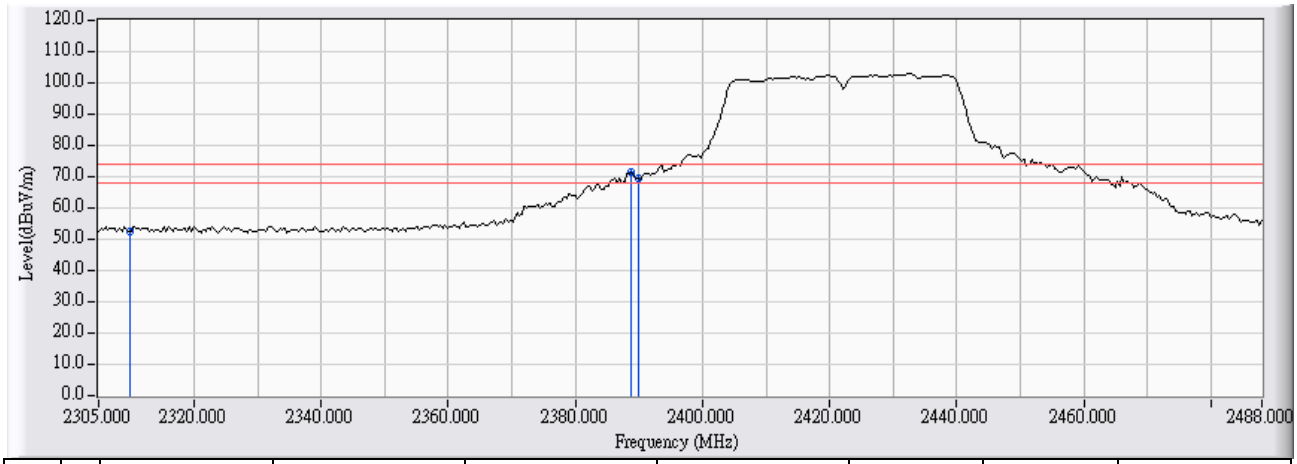


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	21.572	46.727	-7.273	54.000	AVERAGE
2		2500.000	25.142	13.949	39.091	-14.909	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 19:23**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

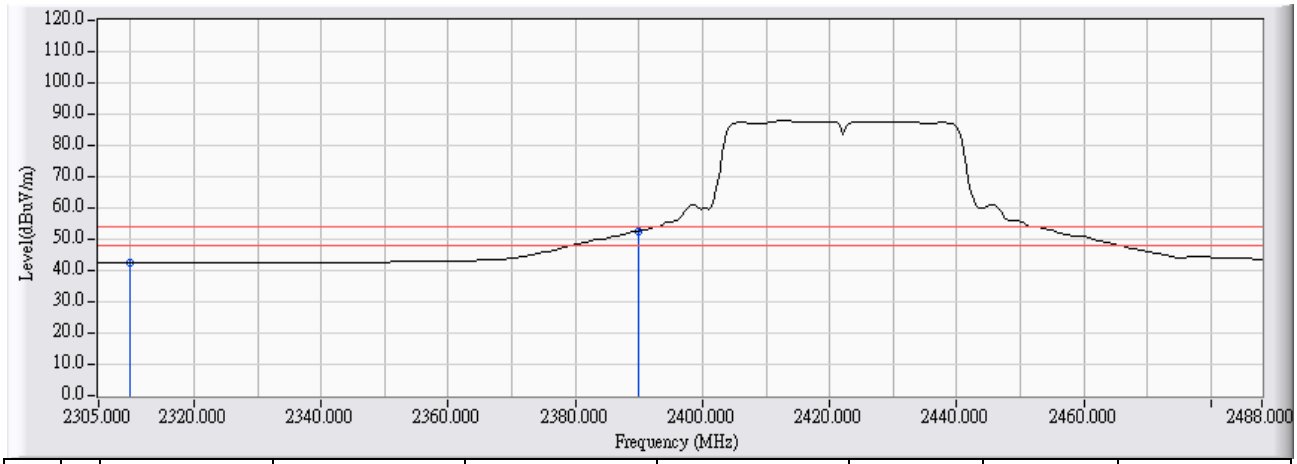


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	23.944	52.601	-21.399	74.000	PEAK
2	*	2388.814	29.030	42.273	71.303	-2.697	74.000	PEAK
3		2390.000	29.036	40.323	69.359	-4.641	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 19:29**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

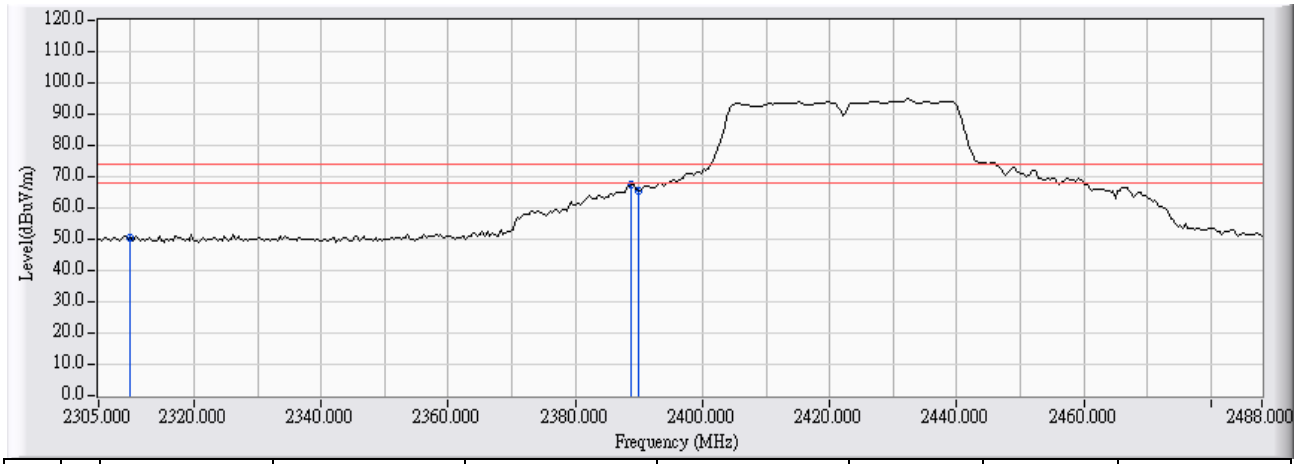


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.658	13.836	42.493	-11.507	54.000	AVERAGE
2	*	2390.000	29.036	23.712	52.748	-1.252	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 19:06**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

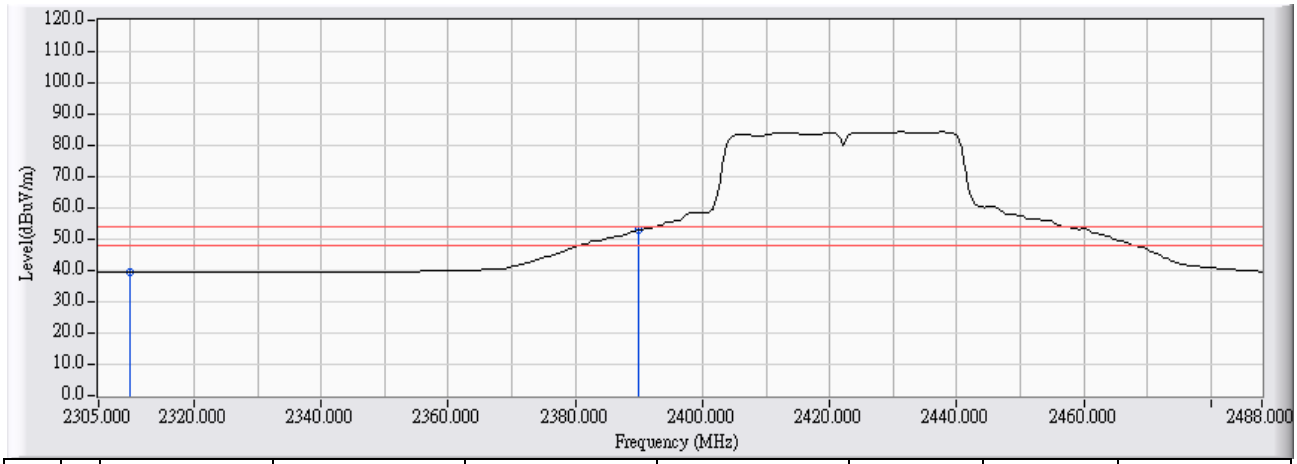


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	24.542	50.279	-23.721	74.000	PEAK
2	*	2388.814	25.474	42.013	67.487	-6.513	74.000	PEAK
3		2390.000	25.470	40.174	65.644	-8.356	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/25 - 19:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2422MHz**

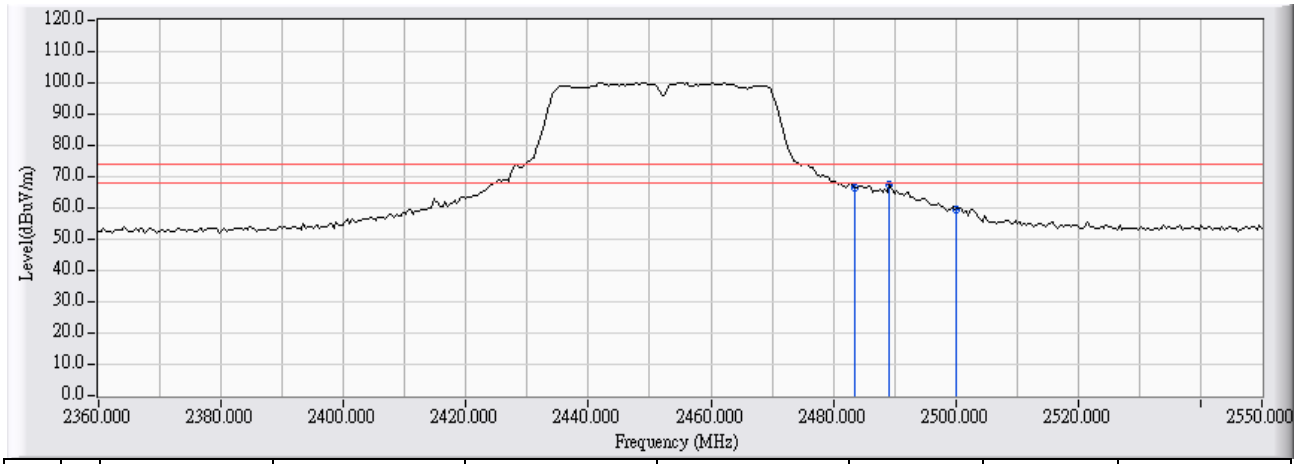


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	25.738	13.778	39.515	-14.485	54.000	AVERAGE
2	*	2390.000	25.470	27.328	52.798	-1.202	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**

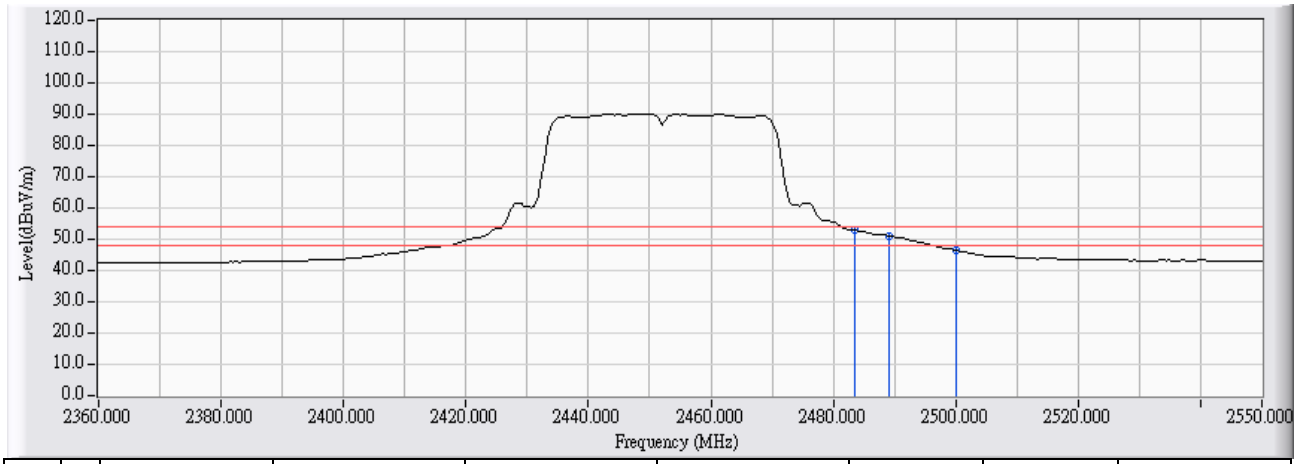


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	29.480	36.814	66.294	-7.706	74.000	PEAK
2	*	2489.200	29.508	37.849	67.357	-6.643	74.000	PEAK
3		2500.000	29.557	30.159	59.717	-14.283	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - HORIZONTAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**

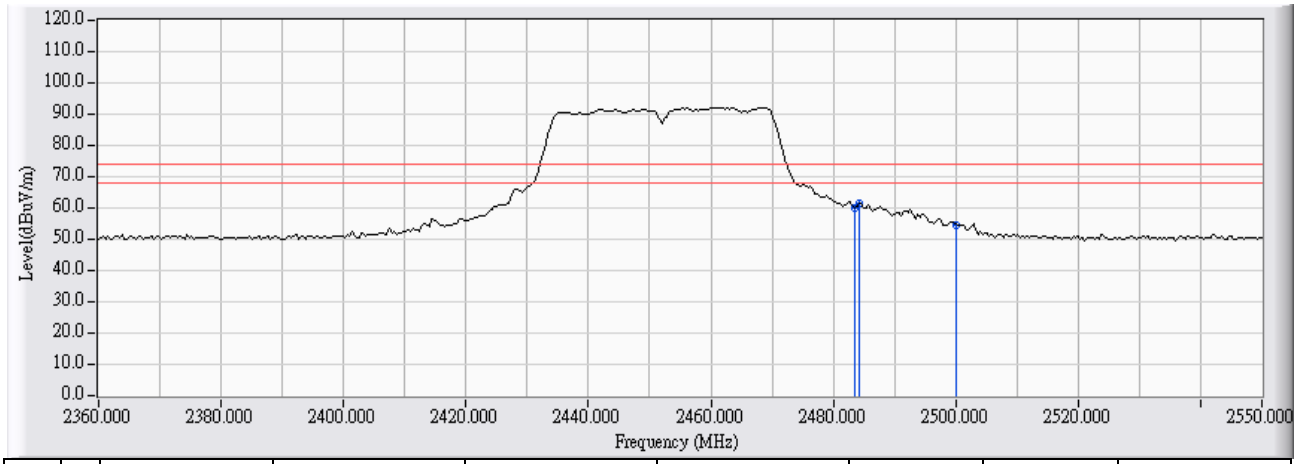


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	29.480	23.405	52.885	-1.115	54.000	AVERAGE
2		2489.200	29.508	21.461	50.969	-3.031	54.000	AVERAGE
3		2500.000	29.557	16.831	46.389	-7.611	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:39**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**

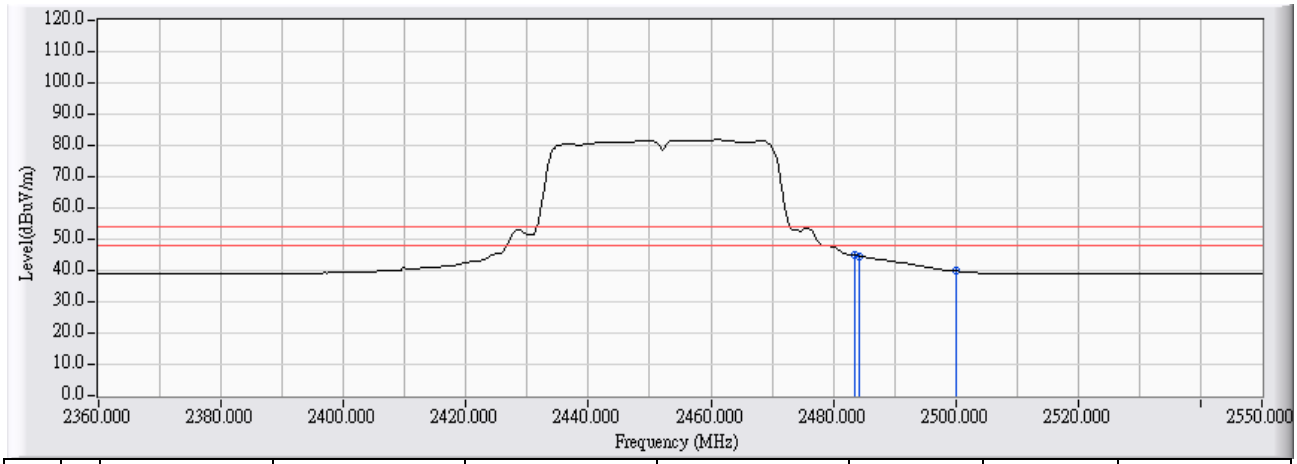


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	25.156	35.044	60.199	-13.801	74.000	PEAK
2	*	2484.260	25.152	36.238	61.390	-12.610	74.000	PEAK
3		2500.000	25.142	29.489	54.631	-19.369	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	**Time : 2009/09/28 - 21:42**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G_AS(2009) - VERTICAL	**Power : DC 5V (Power by PC)**
EUT : ASUS EZ N Network Adapter	**Note : TX_N(40M)_2452MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	25.156	19.828	44.983	-9.017	54.000	AVERAGE
2		2484.260	25.152	19.490	44.642	-9.358	54.000	AVERAGE
3		2500.000	25.142	14.686	39.828	-14.172	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Occupied Bandwidth

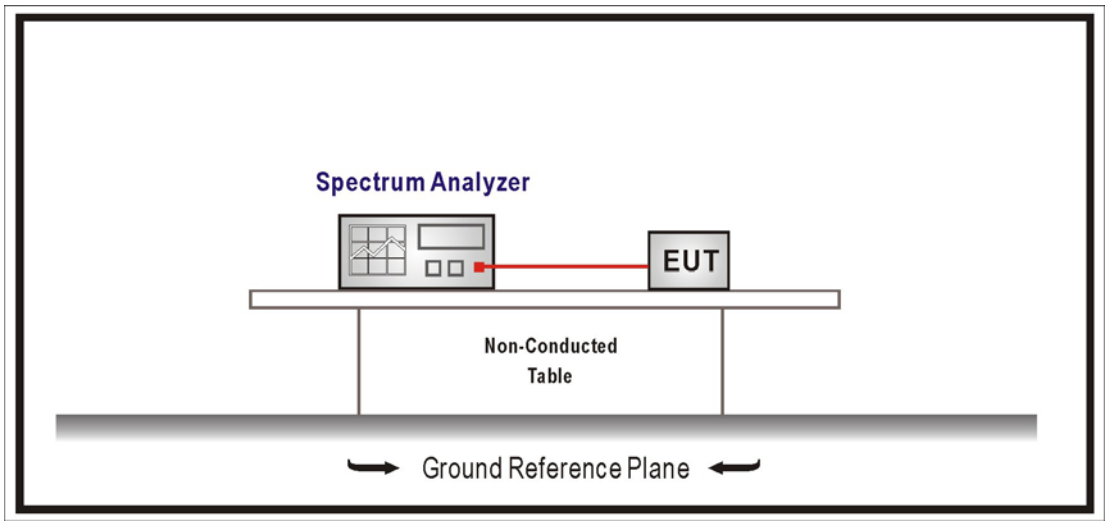
7.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

7.6. Uncertainty

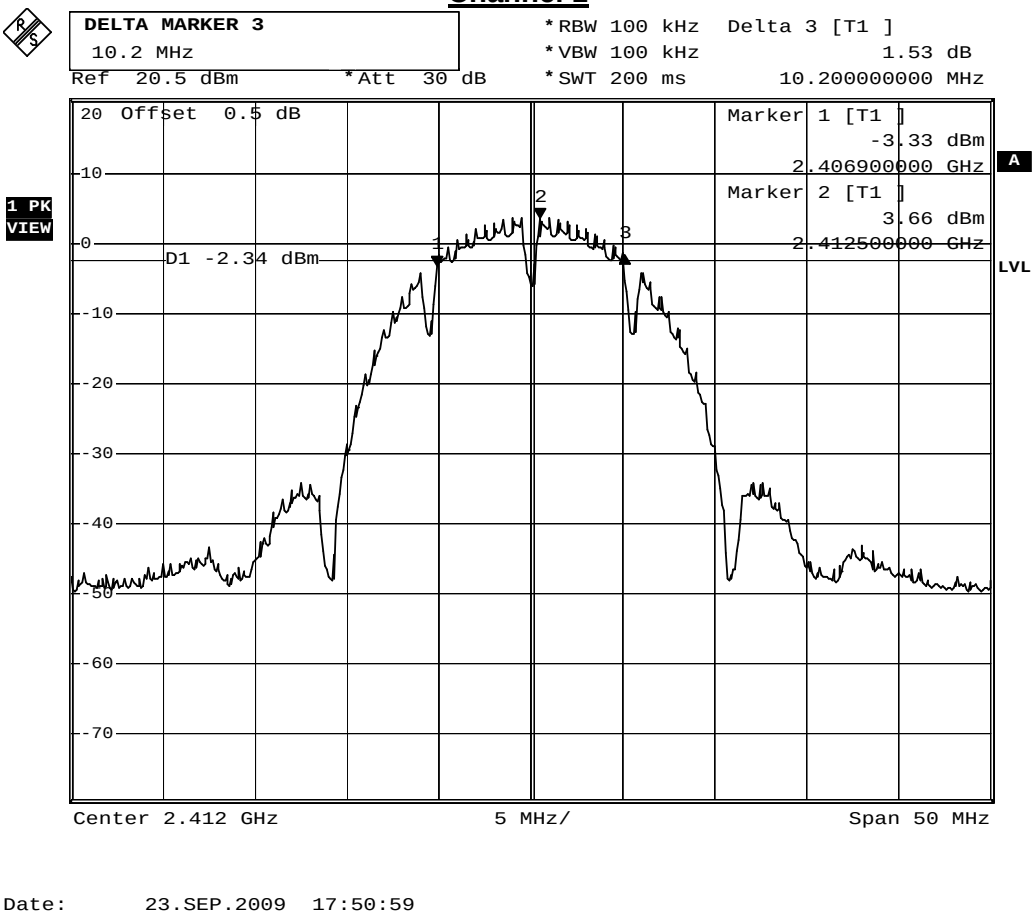
The measurement uncertainty is defined as ±150Hz

7.7. Test Result

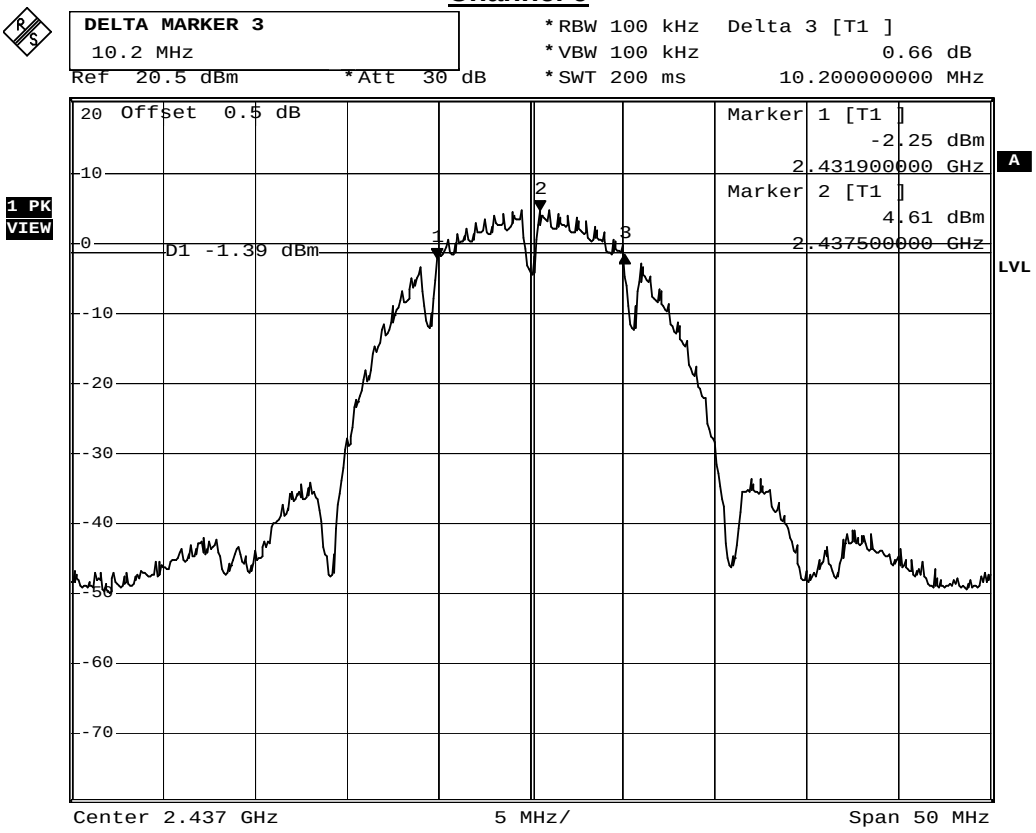
Product	ASUS EZ N Network Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/09/23	Test Site	No.1 OATS

802.11 b				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	10200	≥500	Pass
6	2437.00	10200	≥500	Pass
11	2462.00	10200	≥500	Pass

Channel 1

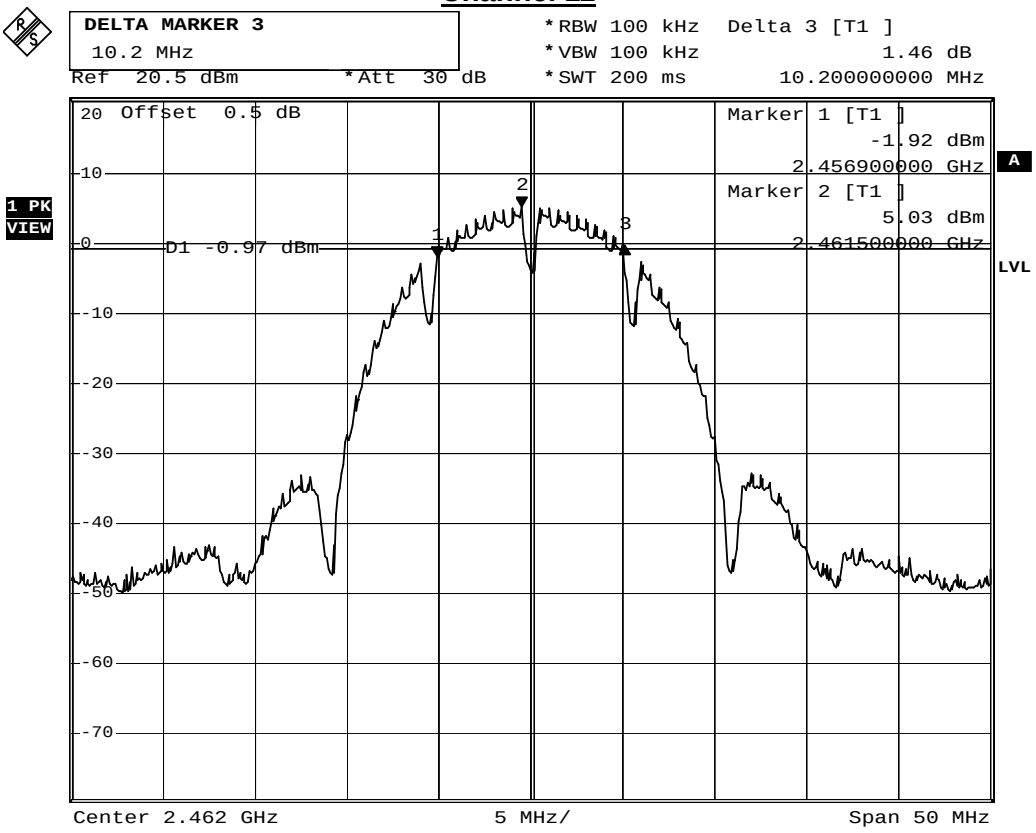


Channel 6



Date: 23.SEP.2009 18:10:24

Channel 11

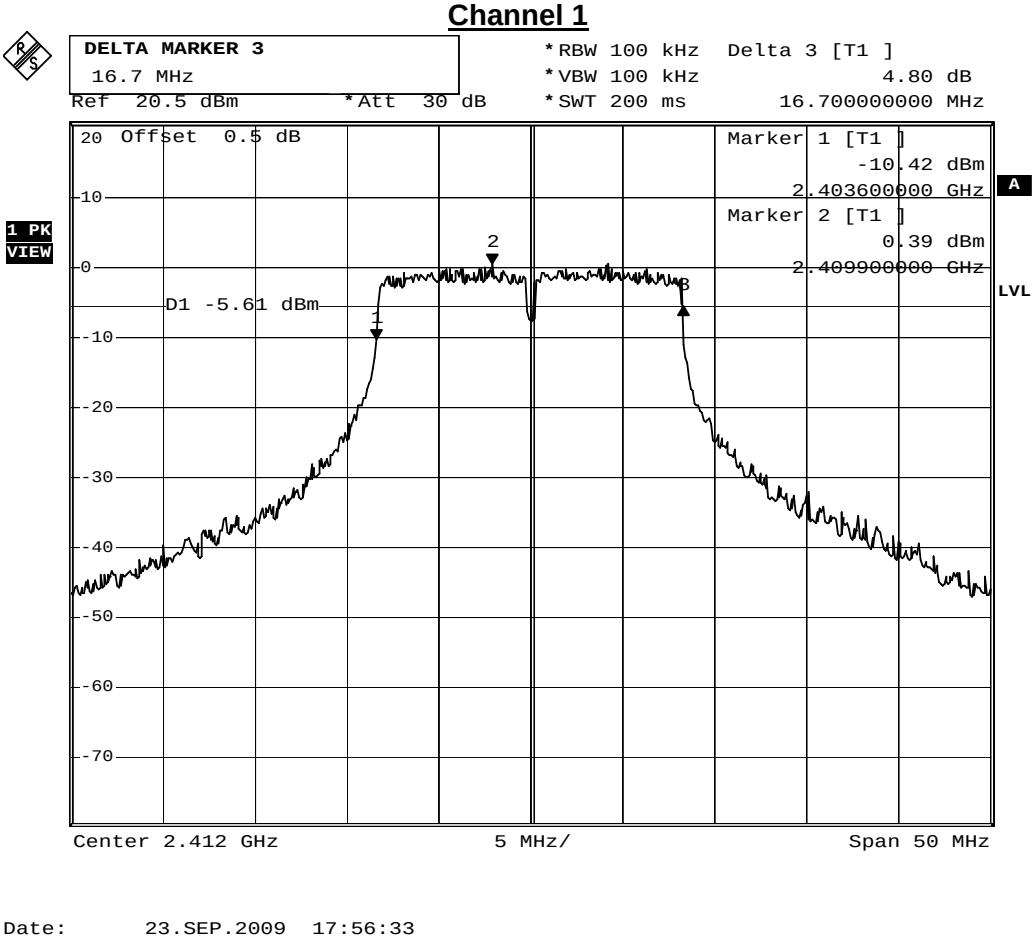


Date: 23.SEP.2009 17:54:37

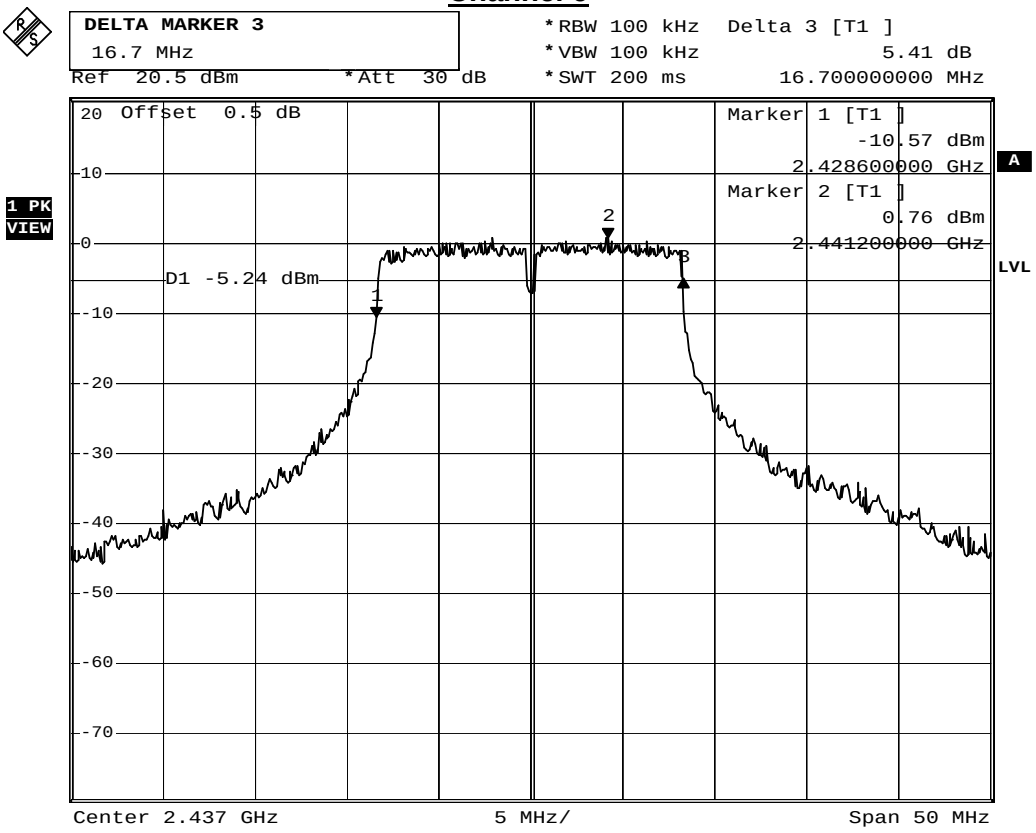
Product	ASUS EZ N Network Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/09/23	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16700	≥500	Pass
6	2437.00	16700	≥500	Pass
11	2462.00	16700	≥500	Pass

Channel 1

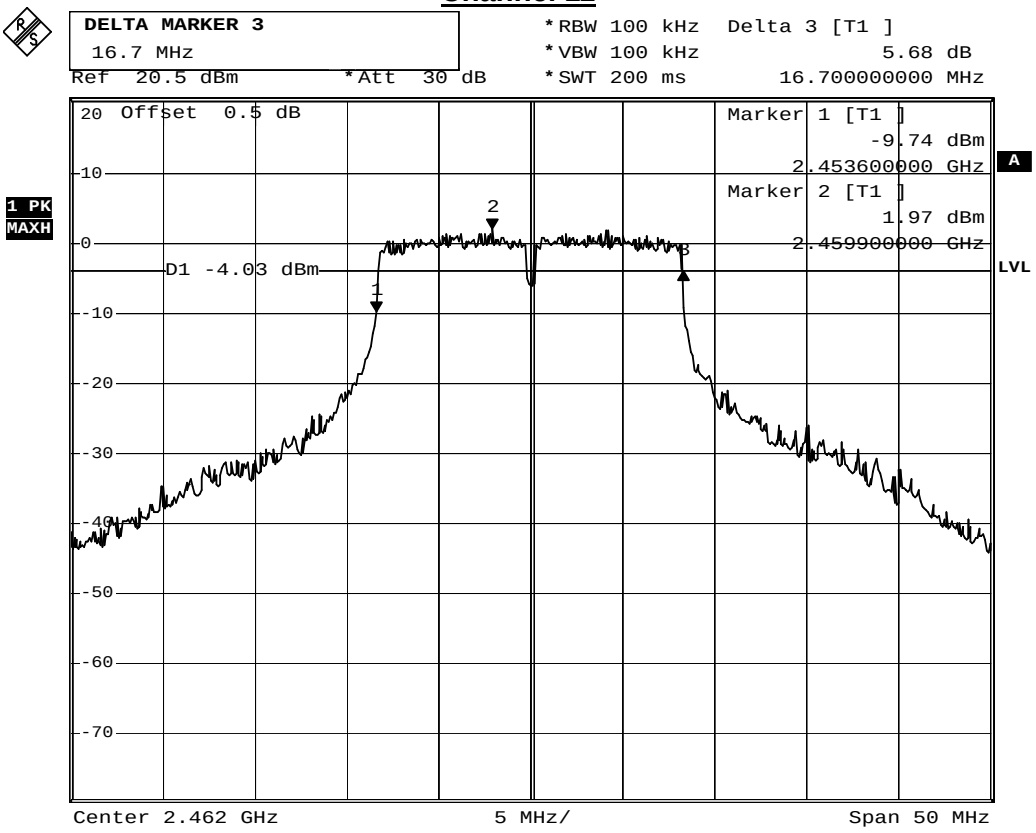


Channel 6



Date: 23.SEP.2009 17:58:04

Channel 11

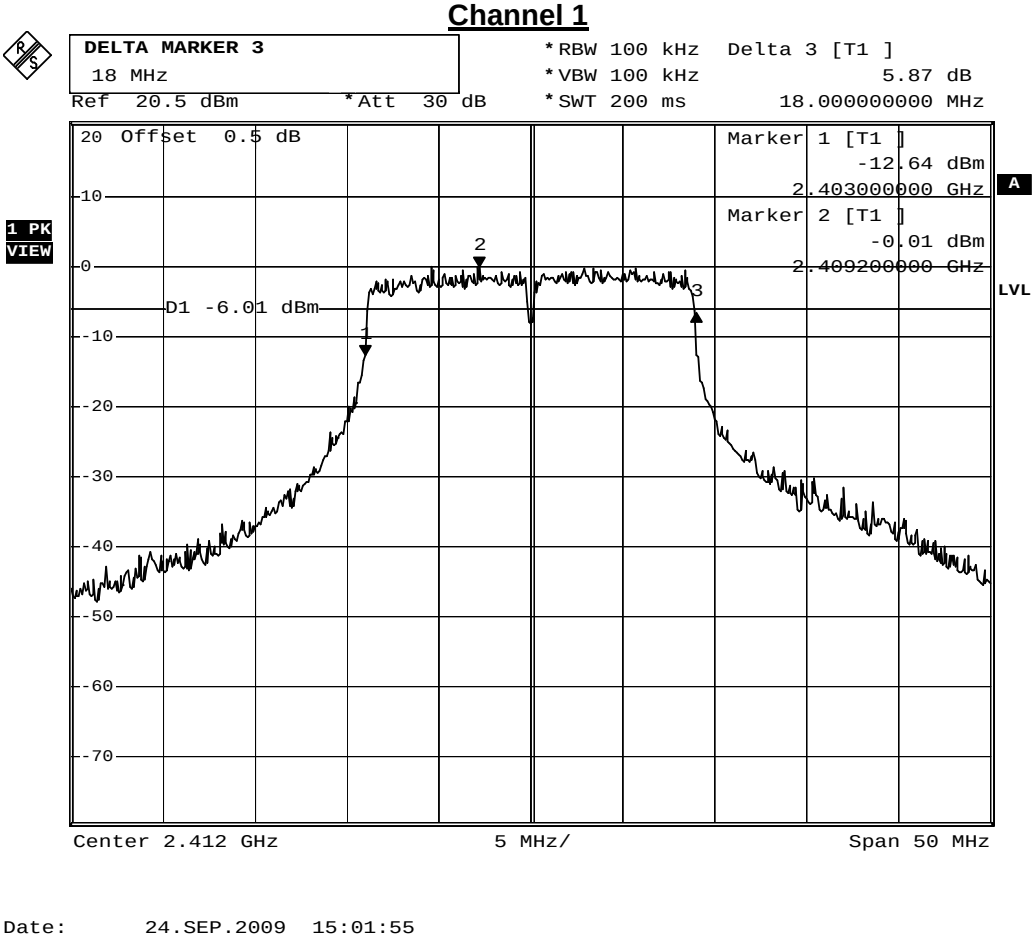


Date: 23.SEP.2009 18:01:25

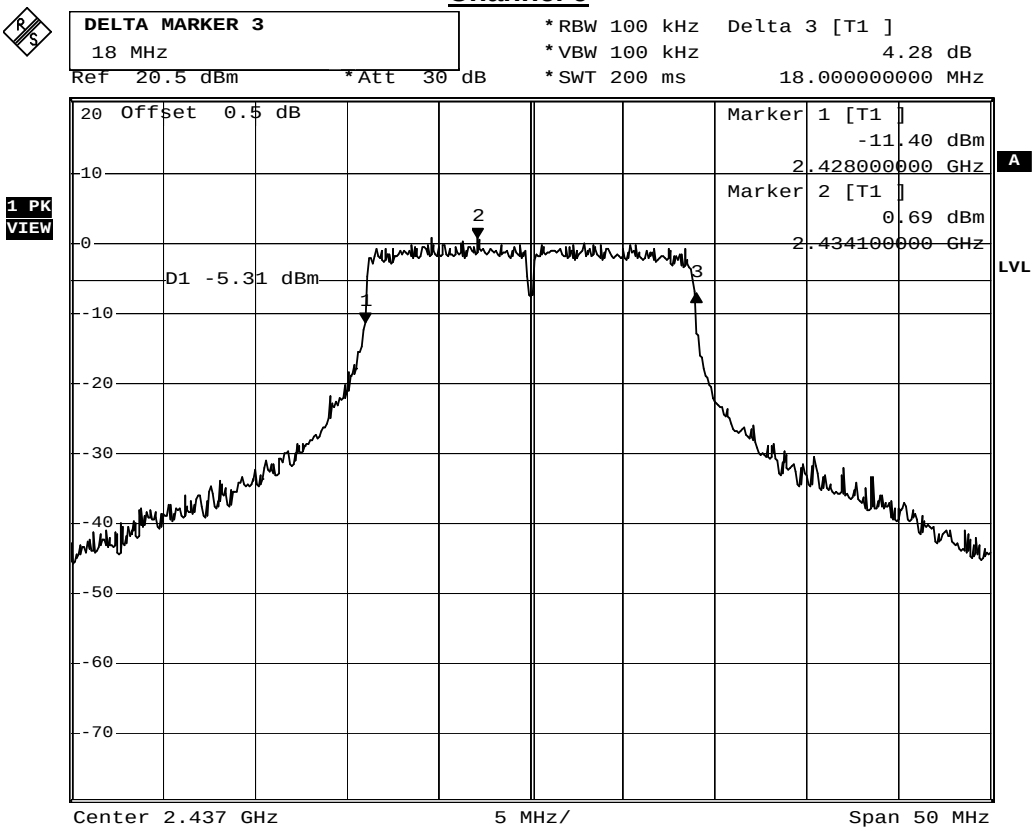
Product	ASUS EZ N Network Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11n (20MHz)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	18000	≥500	Pass
6	2437.00	18000	≥500	Pass
11	2462.00	18000	≥500	Pass

Channel 1

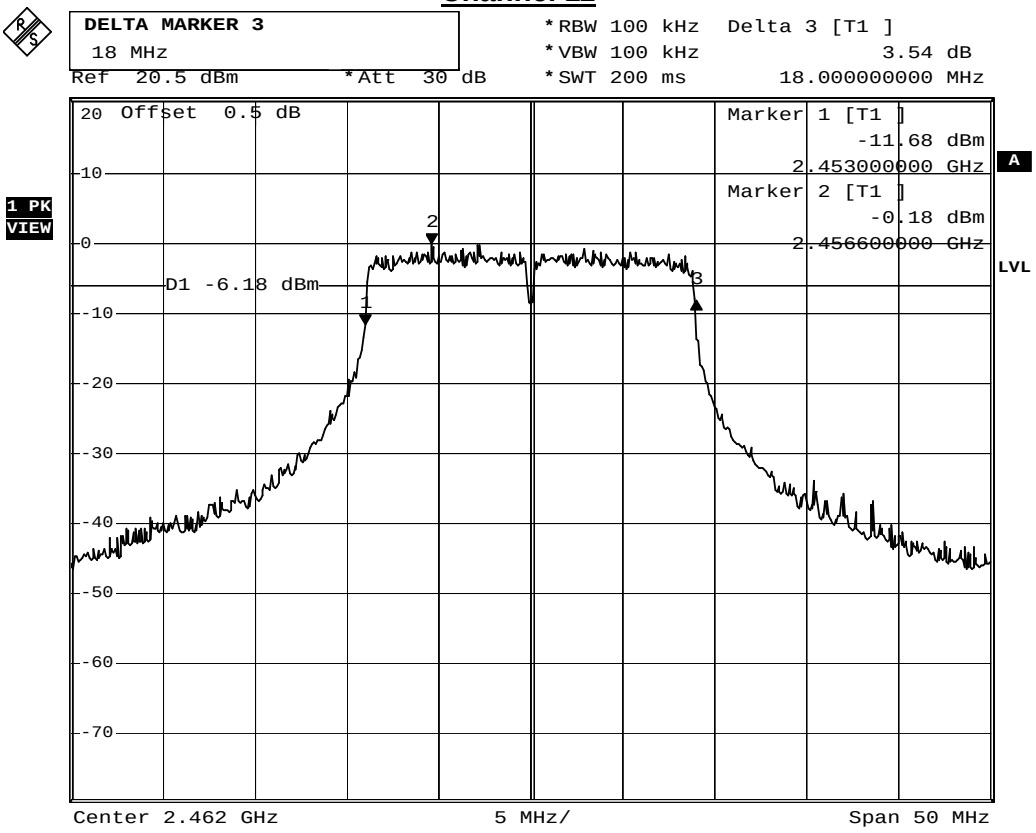


Channel 6



Date: 24.SEP.2009 15:05:13

Channel 11

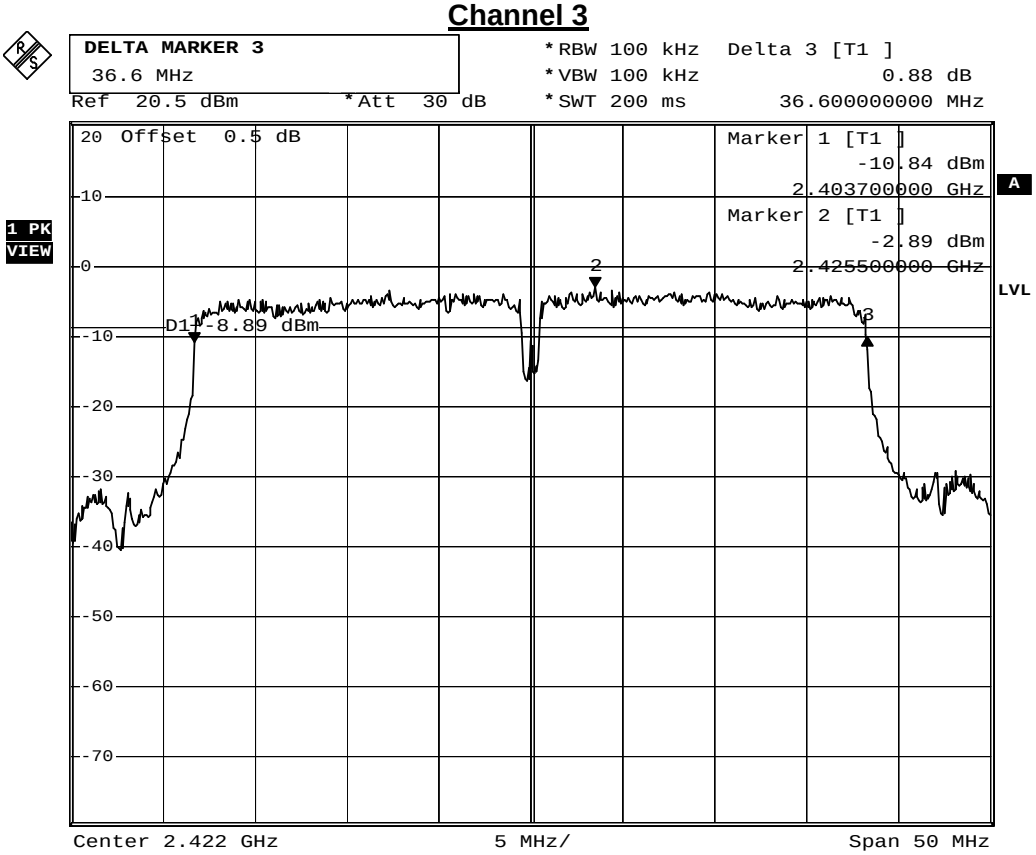


Date: 24.SEP.2009 15:10:47

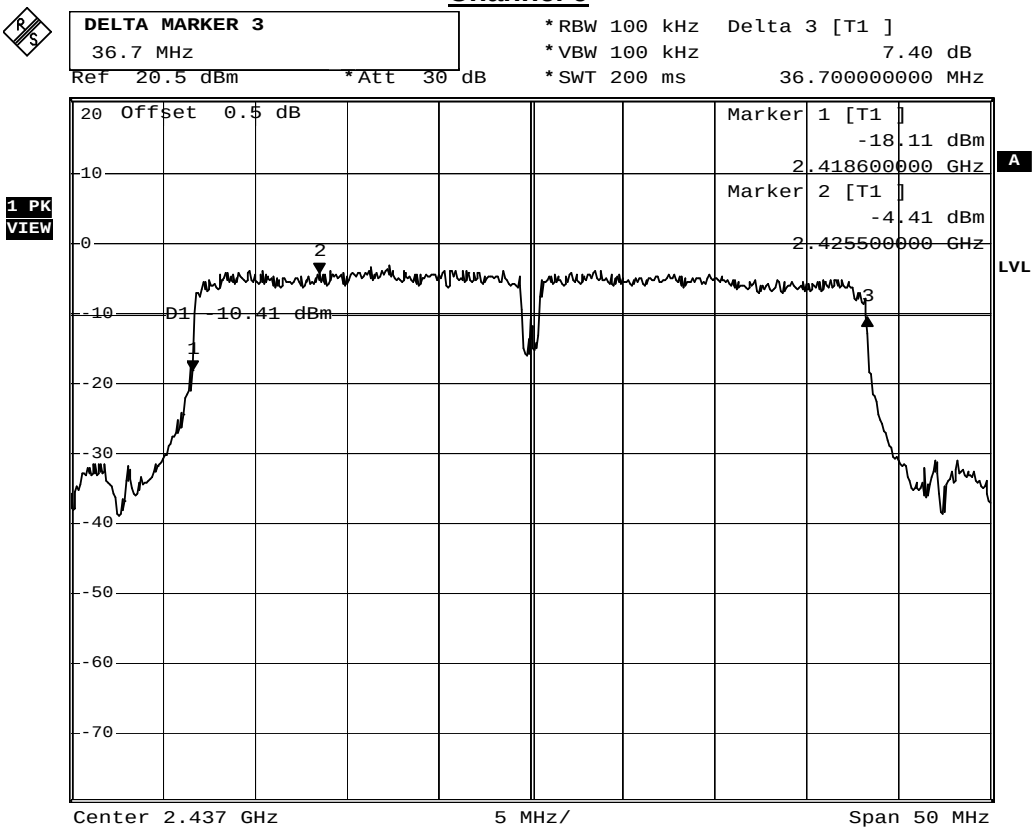
Product	ASUS EZ N Network Adapter		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11n (40MHz)				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
3	2422	36600	≥500	Pass
6	2437	36700	≥500	Pass
9	2452	36700	≥500	Pass

Channel 3

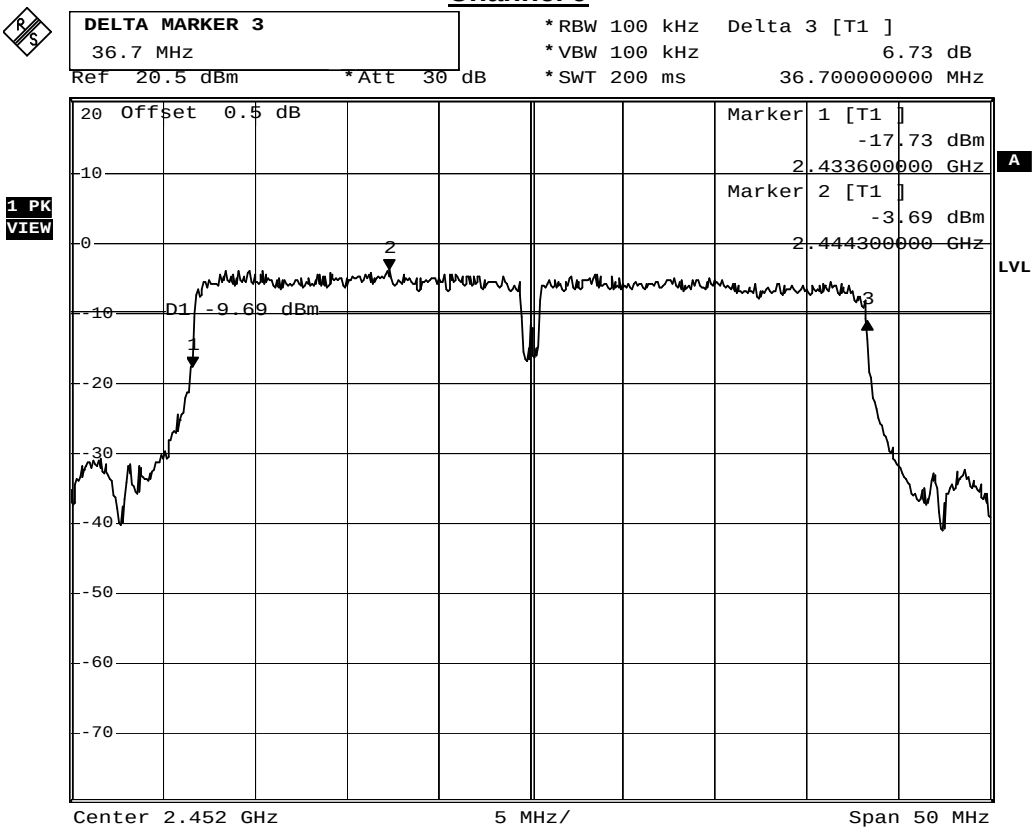


Channel 6



Date: 24.SEP.2009 15:18:49

Channel 9



Date: 24.SEP.2009 15:22:35

8. Power Density

8.1. Test Equipment

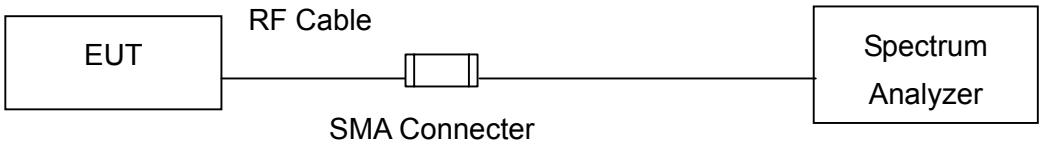
The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

8.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



8.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

8.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
Set RBW= 3 kHz, Set VBW≧ 9 kHz, Sweep time=Auto, Set detector=Peak detector

8.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

8.6. Uncertainty

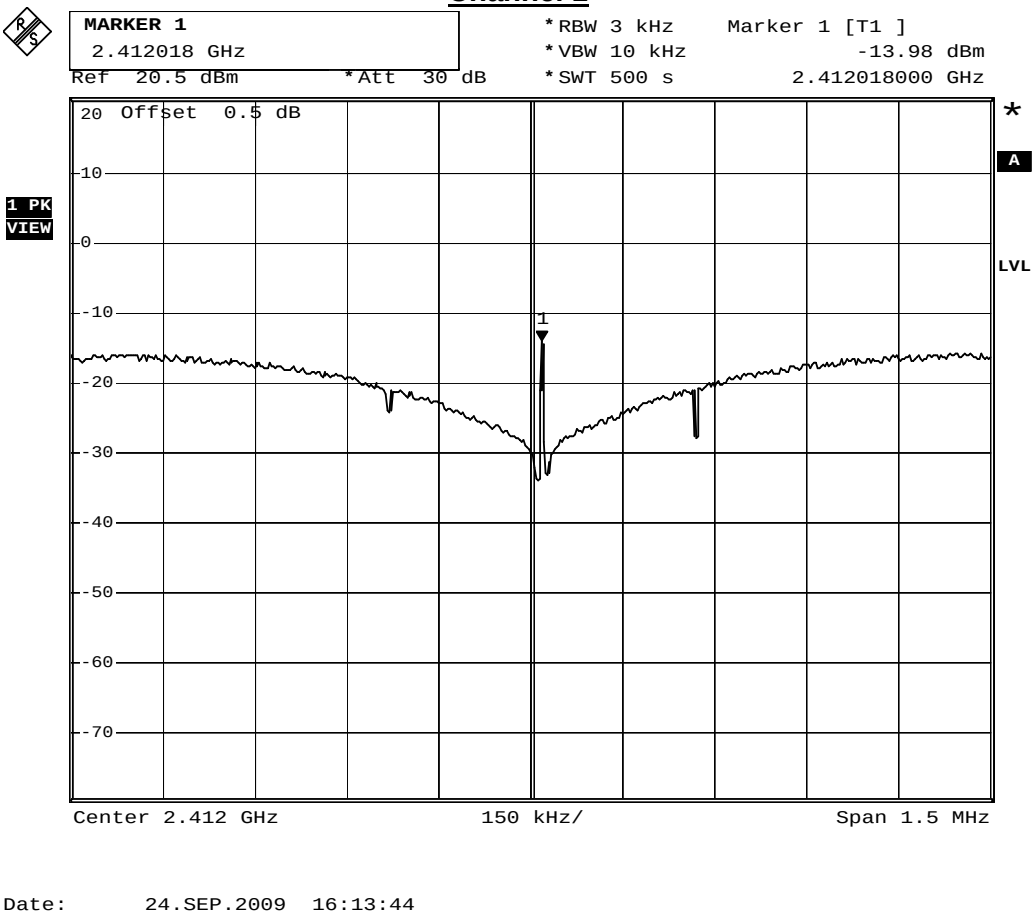
The measurement uncertainty is defined as ±1.27dB.

8.7. Test Result

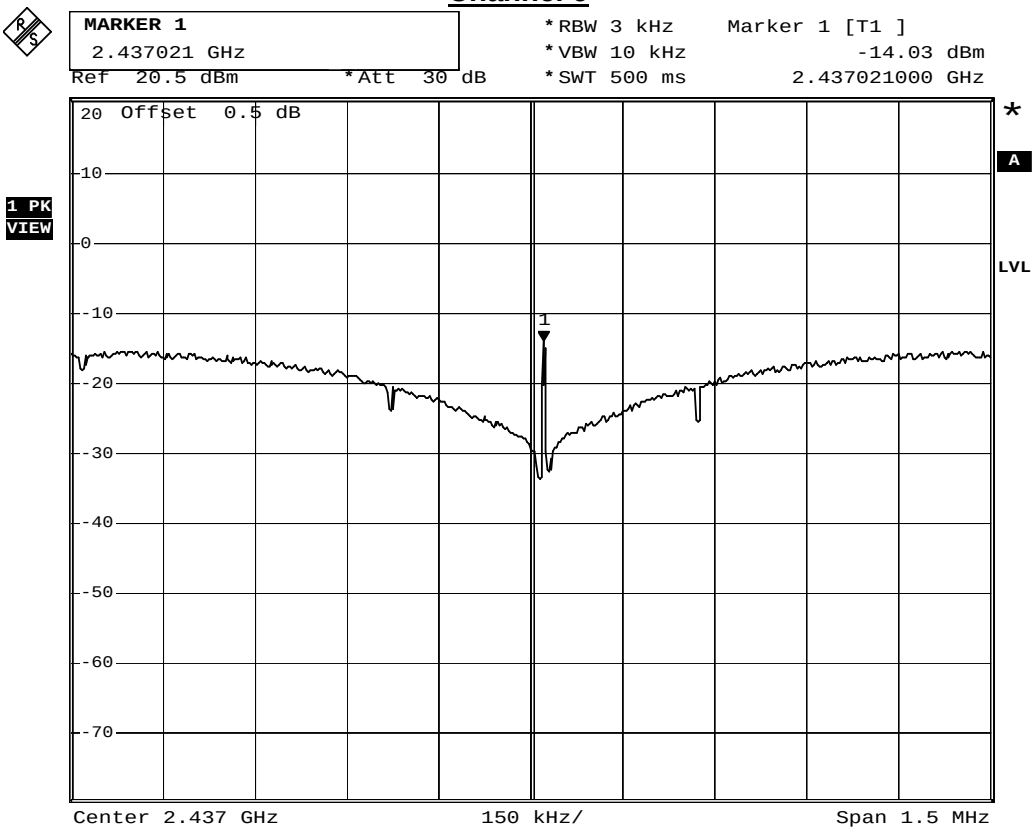
Product	ASUS EZ N Network Adapter		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-13.98	≤8	Pass
6	2437	-14.03	≤8	Pass
11	2462	-15.08	≤8	Pass

Channel 1

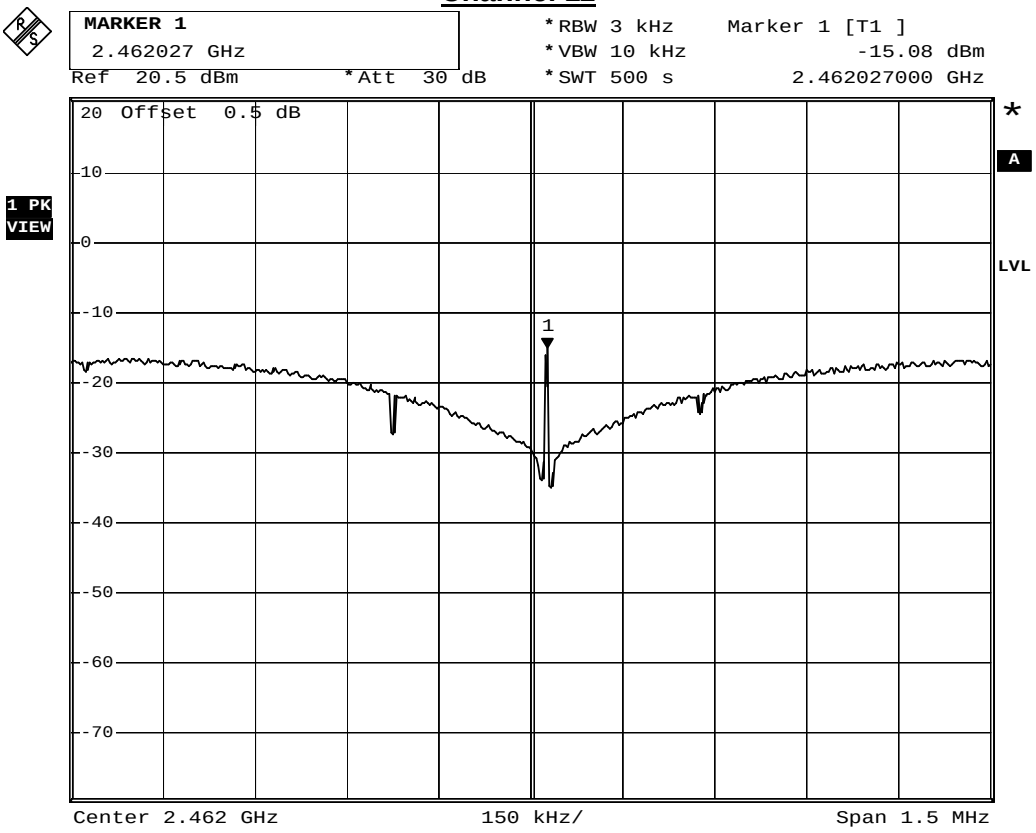


Channel 6



Date: 24.SEP.2009 16:16:16

Channel 11

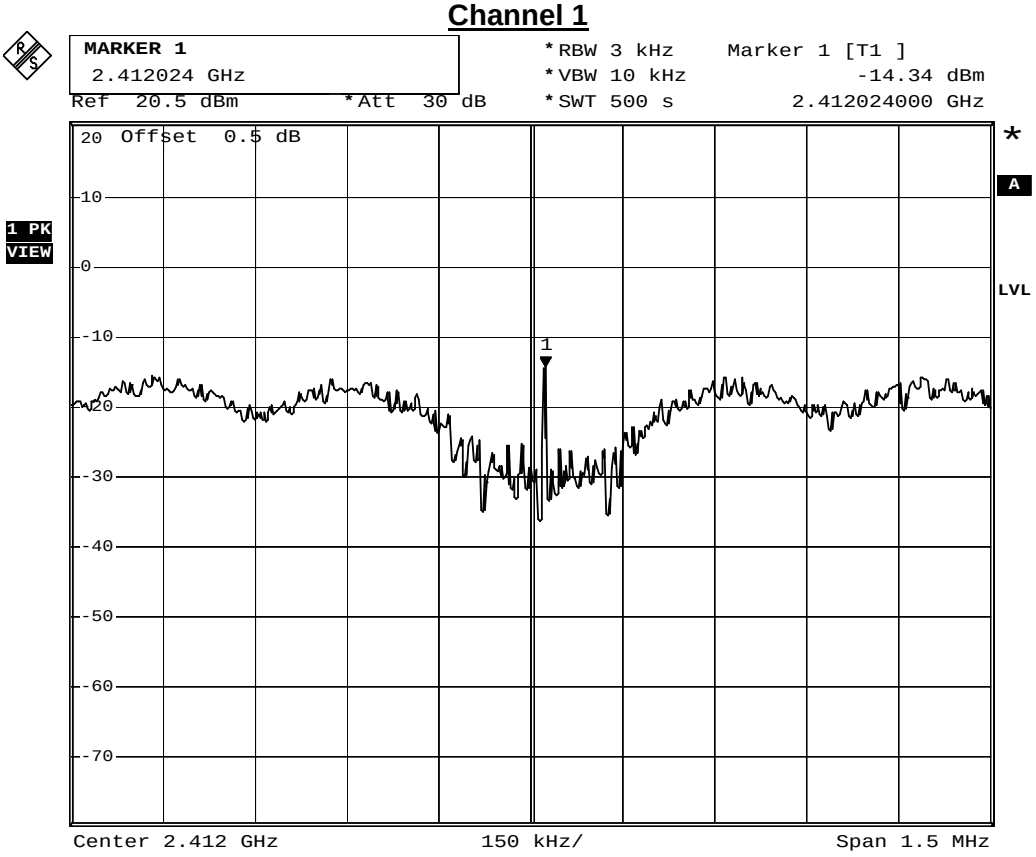


Date: 24.SEP.2009 16:27:22

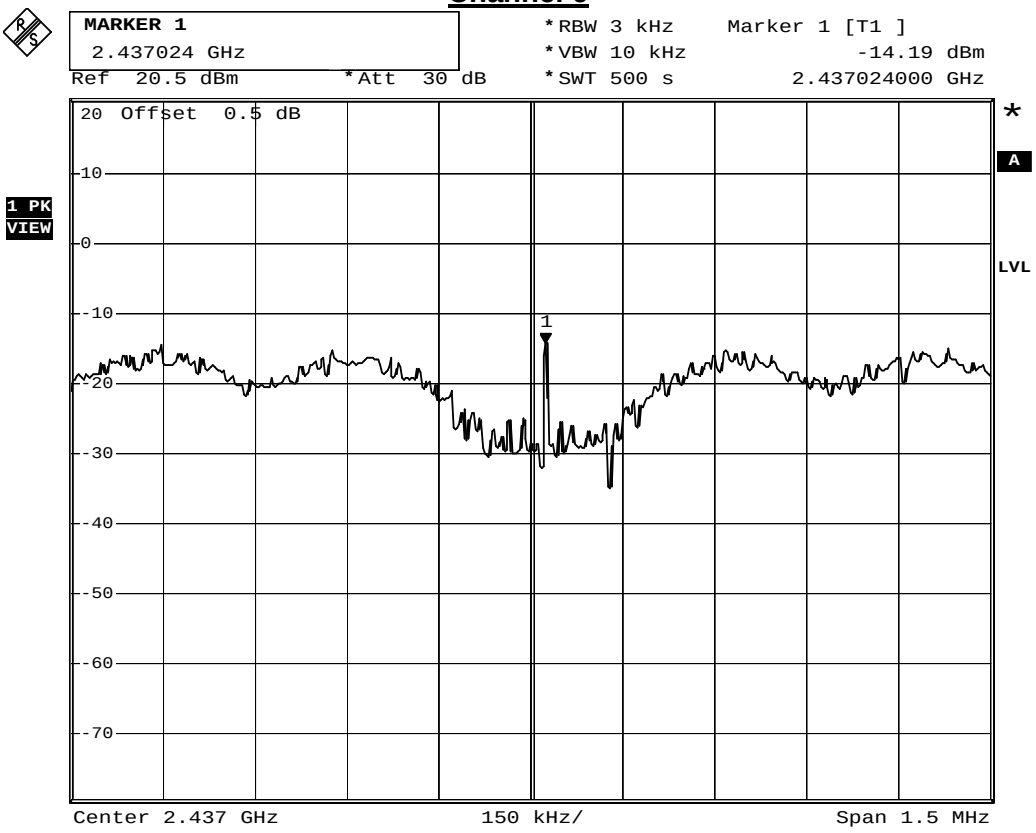
Product	ASUS EZ N Network Adapter		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-14.34	≤8	Pass
6	2437	-14.19	≤8	Pass
11	2462	-15.10	≤8	Pass

Channel 1

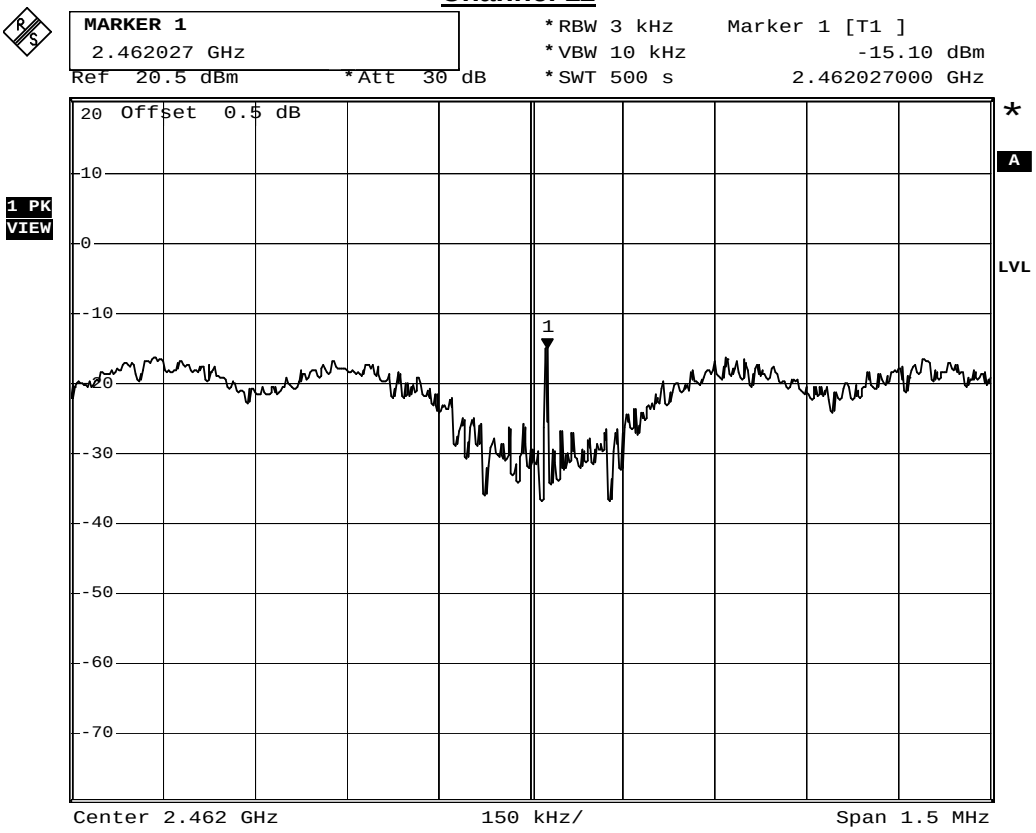


Channel 6



Date: 24.SEP.2009 16:41:25

Channel 11



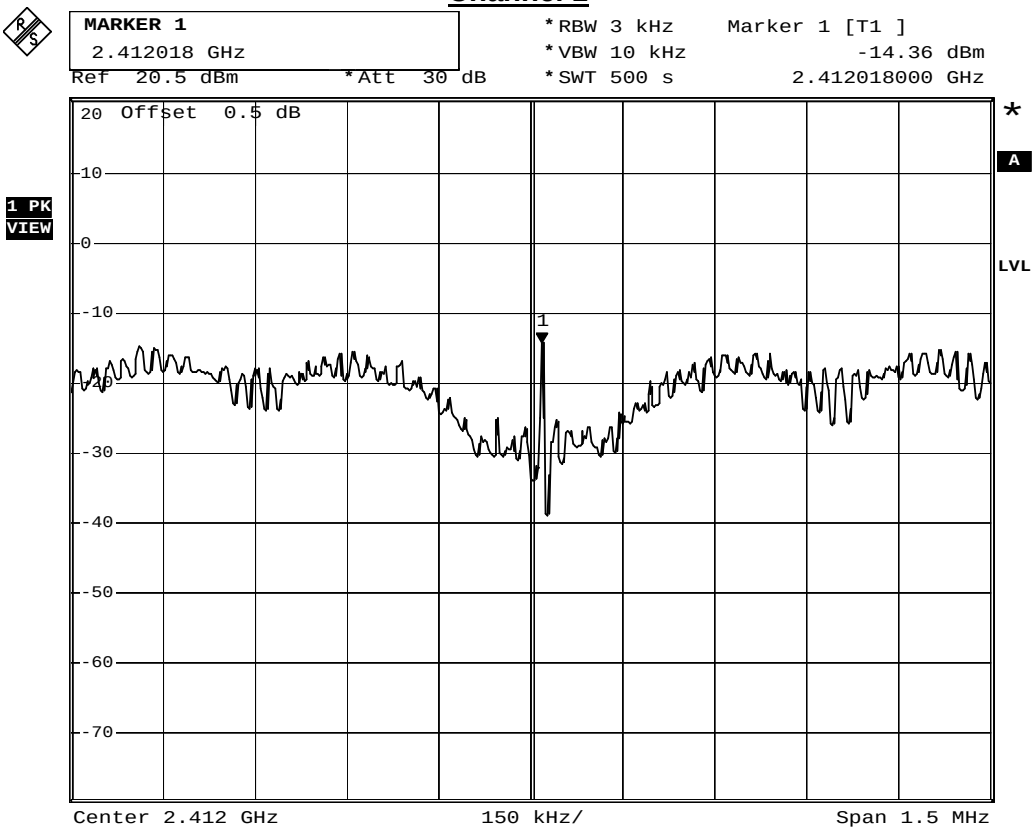
Date: 24.SEP.2009 16:46:21

Product	ASUS EZ N Network Adapter		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE802.11n MCS0 20MHz_Tx				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412.00	-14.36	≤8	Pass
6	2437.00	-14.03	≤8	Pass
11	2462.00	-15.07	≤8	Pass

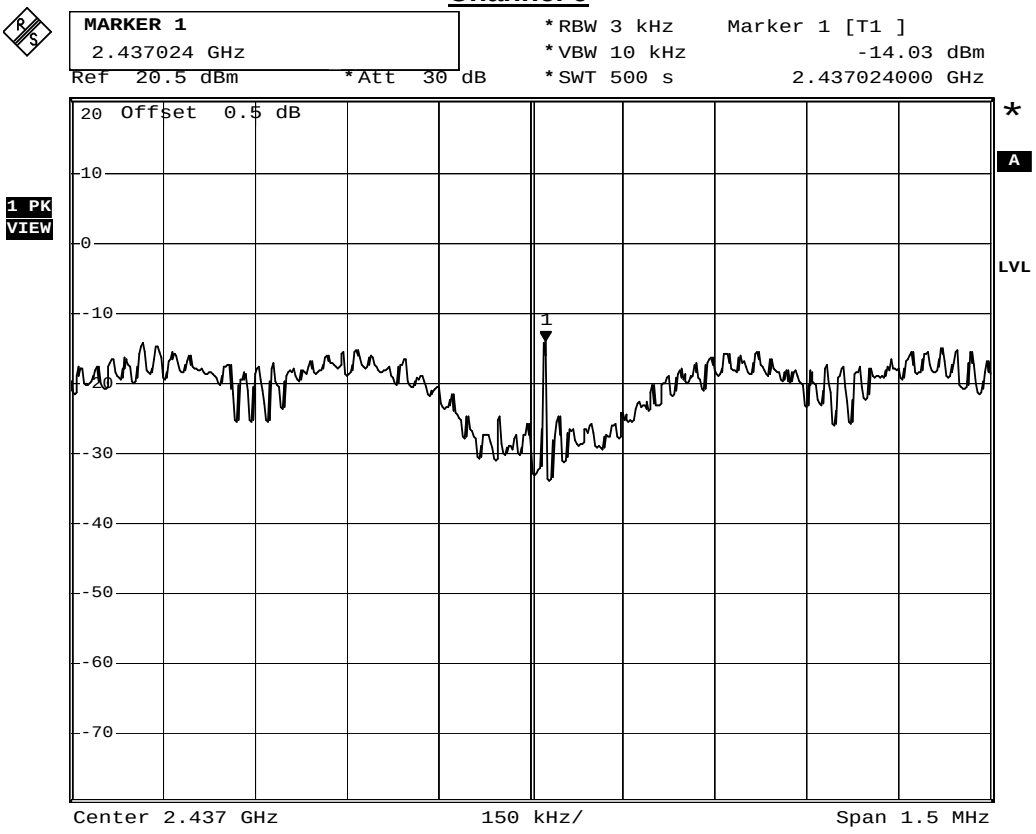
IEEE802.11n MCS0 20MHz_Tx

Channel 1



IEEE802.11n MCS0 20MHz_Tx

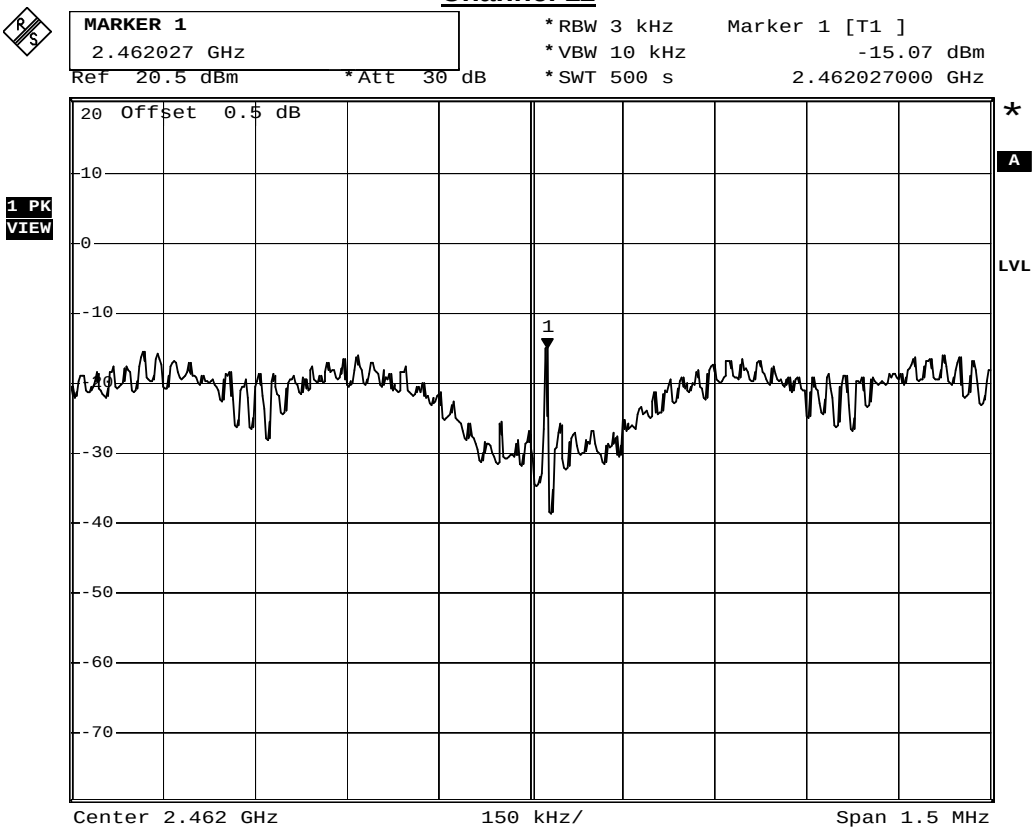
Channel 6



Date: 24.SEP.2009 16:55:03

IEEE802.11n MCS0 20MHz_Tx

Channel 11



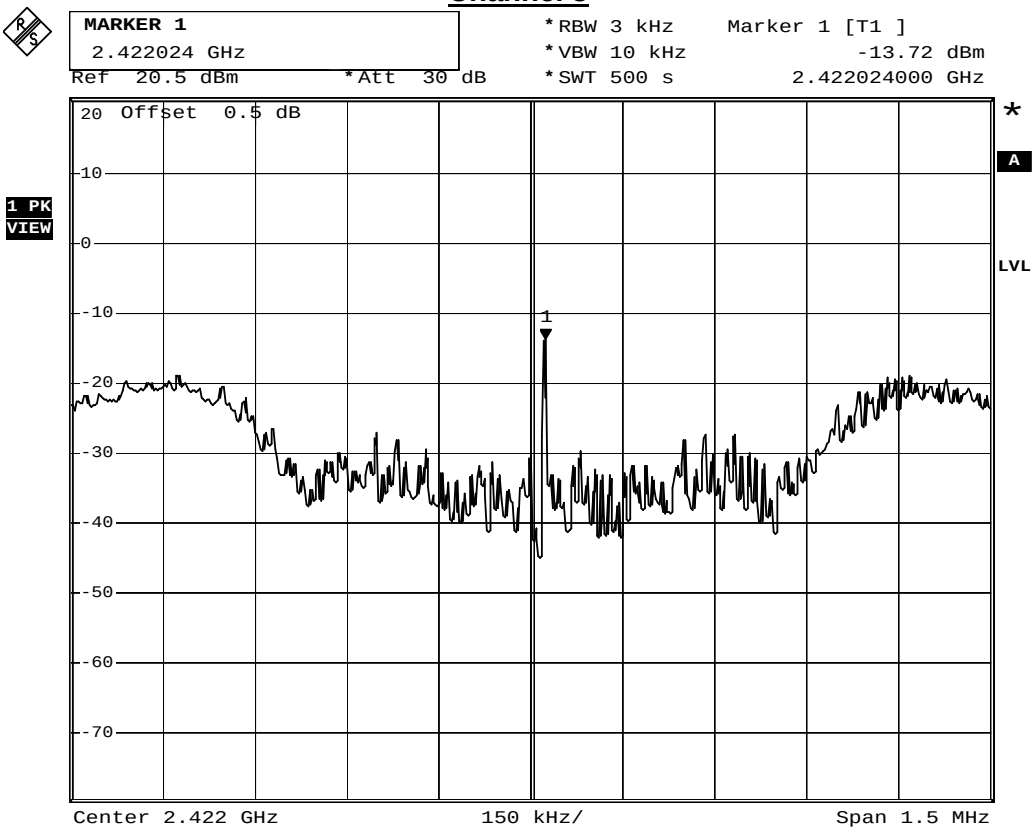
Date: 24.SEP.2009 16:58:27

Product	ASUS EZ N Network Adapter		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/09/24	Test Site	No.1 OATS

IEEE 802.11n MCS0 40MHz_Tx				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	-13.72	≦8	Pass
6	2437	-13.71	≦8	Pass
9	2452	-14.74	≦8	Pass

IEEE 802.11n MCS0 40MHz_Tx

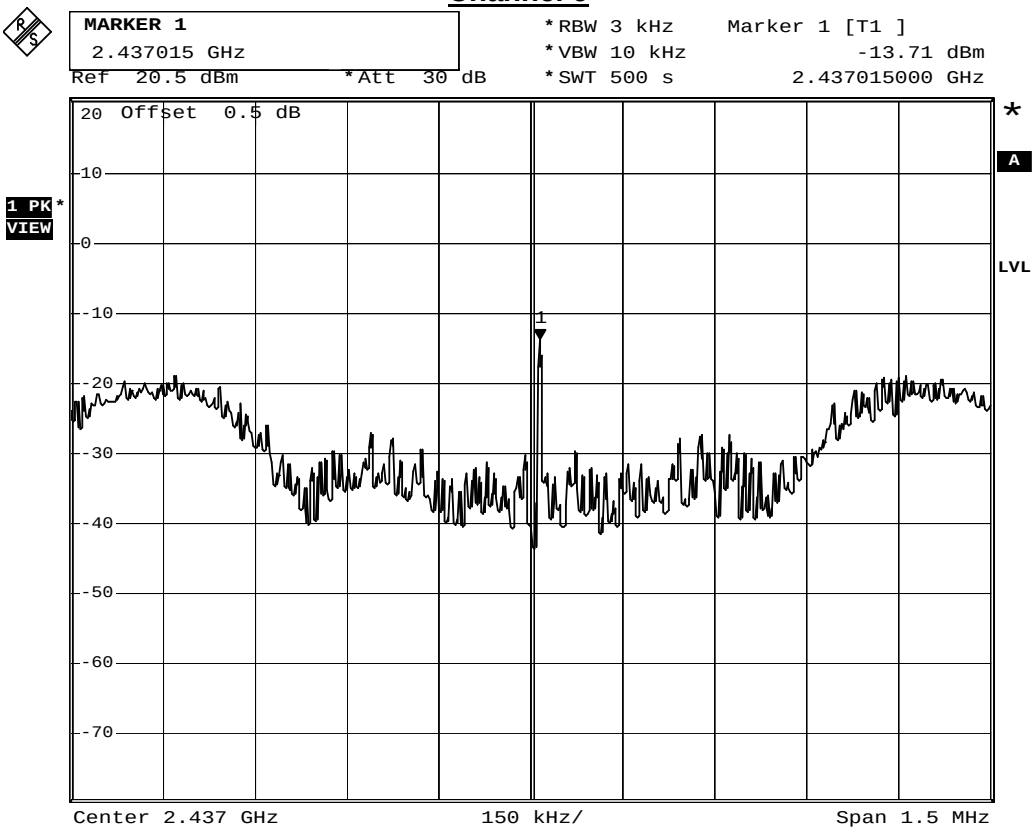
Channel 3



Date: 24.SEP.2009 17:01:55

IEEE 802.11n MCS0 40MHz_Tx

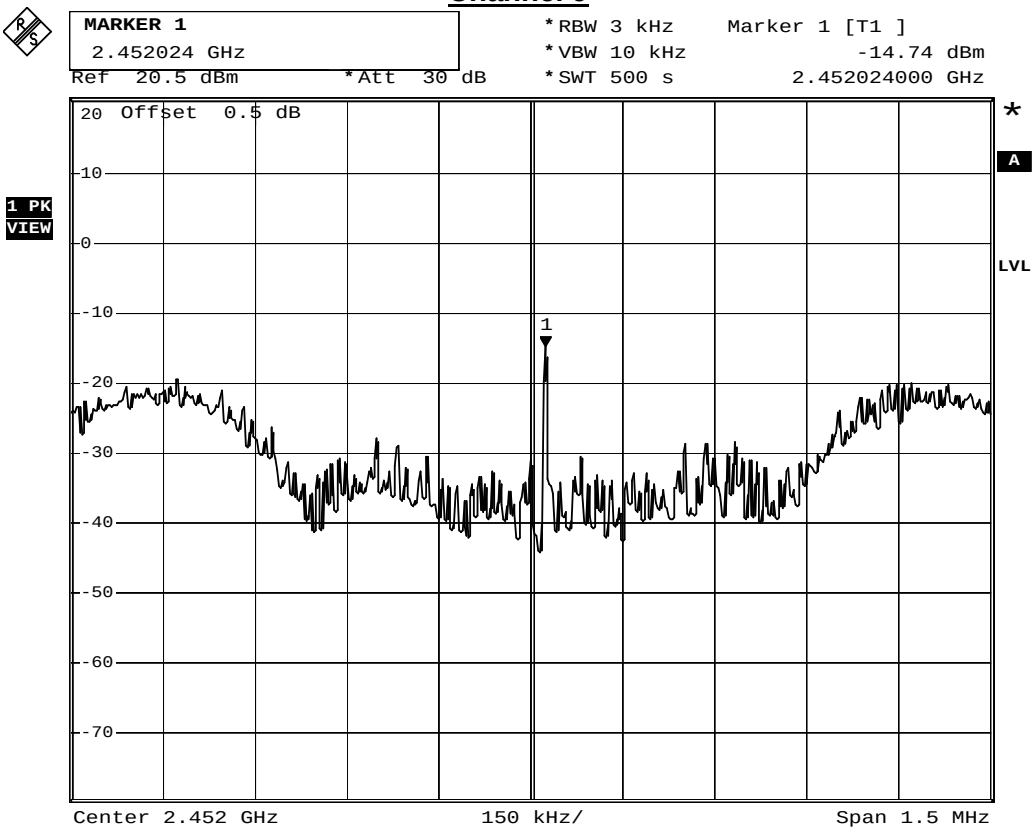
Channel 6



Date: 24.SEP.2009 17:09:29

IEEE 802.11n MCS0 40MHz_Tx

Channel 9



Date: 24.SEP.2009 17:18:25