



FCC TEST REPORT

REPORT NO.: RF110614C01

MODEL NO.: NTV200

FCC ID: PY311200164

RECEIVED: June 14, 2011

TESTED: July 07 to 25, 2011

ISSUED: Aug. 15, 2011

APPLICANT: Netgear Incorporated

ADDRESS: 350 East Plumeria Drive San Jose California United States 95134

ISSUED BY: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory

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TEST LOCATION (2): No. 49, Ln. 206, Wende Rd., Shangshan Tsuen, Chiung Lin Hsiang, Hsin Chu Hsien 307, Taiwan

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF110614C01	Original release	Aug. 15, 2011



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1. CERTIFICATION

PRODUCT: Streaming player
BRAND NAME: Netgear
MODEL NO.: NTV200
TEST SAMPLE: ENGINEERING SAMPLE
TESTED: July 07 to 25, 2011
APPLICANT: Netgear Incorporated
STANDARDS: FCC Part 15, Subpart C (Section 15.247)
ANSI C63.4-2003
ANSI C63.10-2009

The above equipment (Model: NTV200) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY :  , **DATE:** Aug. 15, 2011
(Claire Kuan, Specialist)

APPROVED BY :  , **DATE:** Aug. 15, 2011
(May Chen, Deputy Manager)

2. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
Standard Section	Test Type and Limit	Result	Remark
15.207	AC Power Conducted Emission	PASS	Meet the requirement of limit. Minimum passing margin is -16.74dB at 0.150MHz
15.247(a)(2)	Spectrum Bandwidth of a Direct Sequence Spread Spectrum System Limit: min. 500kHz	PASS	Meet the requirement of limit.
15.247(b)	Maximum Peak Output Power Limit: max. 30dBm	PASS	Meet the requirement of limit.
15.247(d)	Radiated Emissions Limit: Table 15.209	PASS	Meet the requirement of limit. Minimum passing margin is -0.50dB at 2390.00MHz / 2483.50MHz
15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Meet the requirement of limit.
15.247(d)	Conducted Out-Band Emission Measurement Limit: 20dB less than the peak value of fundamental frequency	PASS	Meet the requirement of limit.
15.203	Antenna Requirement	PASS	Antenna connector is I-plex not a standard connector.



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2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Measurement	Value
Conducted emissions	2.45 dB
Radiated emissions (30MHz-1GHz)	3.89dB
Radiated emissions (1GHz -18GHz)	2.19 dB
Radiated emissions (18GHz -40GHz)	2.56 dB



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3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Streaming player
MODEL NO.	NTV200
FCC ID	PY311200164
POWER SUPPLY	DC 12V from power adapter, Class II
MODULATION TYPE	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
MODULATION TECHNOLOGY	DSSS, OFDM
TRANSFER RATE	802.11b: 11/5.5/2/1Mbps 802.11g: 54/48/36/24/18/12/9/6Mbps 802.11n: -20MHz: MCS 0 ~ 7 (6.5/13/19.5/26/39/52/58.5/65Mbps) -20MHz: MCS 8 ~ 15 (13/26/39/52/78/104/117/130Mbps) -40MHz: MCS 0 ~ 7 (13.5/27/40.5/54/81/108/121.5/135Mbps) -40MHz: MCS 8 ~ 15 (27/54/81/108/162/216/243/270Mbps)
OPERATING FREQUENCY	2412MHz ~ 2462MHz
NUMBER OF CHANNEL	11 for 802.11b, 802.11g, 802.11n (20MHz) 7 for 802.11n (40MHz)
MAXIMUM OUTPUT POWER	802.11b: 245.5mW 802.11g: 436.5mW 802.11n (20MHz): 663.8mW 802.11n (40MHz): 520.9mW
ANTENNA TYPE	Please see NOTE
DATA CABLE	NA
I/O PORTS	HDMI port x 1 Ethernet port x 1 S/PDIF port x 1 x 1
ASSOCIATED DEVICES	Adapter x1; Remote control x 1

NOTE:

1. The EUT must be supplied with a power adapter and following two different model names could be chosen:

Adapter 1	
Brand:	PIE
Model No.:	AD810F10 (332-10329-01)
Input power :	100-120V~300mA, 50/60Hz
Output power :	12V---1A DC output cable (Unshielded, 1.8m)
Adapter 2	
Brand:	LEI
Model No.:	MT12-N120100-A1 (332-10252-01)
Input power :	120V~500mA, 60Hz
Output power :	12V---1A DC output cable (Unshielded, 1.8m)

2. There are two antennas provided to this EUT, please refer to the following table:

Transmitter Circuit	Model	Peak Gain (Included Cable loss) (dBi)	Antenna Type	Connector Type
Chain (0)	NA	1.55	External PCB	I-plex
Chain (1)	NA	1.41	on board PCB	on board

3. The EUT is 2 * 2 spatial MIMO (2Tx & 2Rx) without beam forming function.
4. When the EUT operating in 802.11n, the software operation, which is defined by manufacturer, MCS (Modulation and Coding Schemes) from 0 to 15.
5. The EUT was pre-tested under the following test modes :

Pre-test Mode	Description
Mode A	With Adapter1
Mode B	With Adapter2

The worst radiated emission was found in **Mode A**. Therefore only the test data of the mode was recorded in this report.

6. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.



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3.2 DESCRIPTION OF TEST MODES

Eleven channels are provided for 802.11b, 802.11g, 802.11n (20MHz):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
1	2412MHz	7	2442MHz
2	2417MHz	8	2447MHz
3	2422MHz	9	2452MHz
4	2427MHz	10	2457MHz
5	2432MHz	11	2462MHz
6	2437MHz		

Seven channels are provided for 802.11n (40MHz):

CHANNEL	FREQUENCY	CHANNEL	FREQUENCY
3	2422MHz	7	2442MHz
4	2427MHz	8	2447MHz
5	2432MHz	9	2452MHz
6	2437MHz		



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3.2.1 TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

EUT CONFIGURE MODE	APPLICABLE TO					DESCRIPTION
	PLC	RE < 1G	RE ≥ 1G	APCM	OB	
MODE 1	√	√	√	√	√	With Adapter 1
MODE 2	√	-	-	-	-	With Adapter 2

Where **PLC**: Power Line Conducted Emission **RE < 1G**: Radiated Emission below 1GHz
RE ≥ 1G: Radiated Emission above 1GHz **APCM**: Antenna Port Conducted Measurement
OB: Conducted Out-Band Emission Measurement

ANTENNA COMBINATION MODE:

COMBINATION MODE	OPERATION MODE	TX CHAIN(0)	TX CHAIN(1)
A	802.11 b	√	-
B	802.11 b		√
C	802.11 g	√	-
D	802.11 g		√
E	802.11n (20MHz) for MCS 0~7	√	-
F	802.11n (20MHz) for MCS 0~7	-	√
G	802.11n (20MHz) for MCS 8~15	√	√
H	802.11n (40MHz) for MCS 0~7	√	-
I	802.11n (40MHz) for MCS 0~7	-	√
J	802.11n (40MHz) for MCS 8~15	√	√

Note:

- The above information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

POWER LINE CONDUCTED EMISSION TEST:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)	COMBINATION MODE
802.11n (20MHz)	1 to 11	6	OFDM	BPSK	13	G



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RADIATED EMISSION TEST (BELOW 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)	COMBINATION MODE
802.11n (20MHz)	1 to 11	6	OFDM	BPSK	13	G

RADIATED EMISSION TEST (ABOVE 1 GHz):

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)	COMBINATION MODE
802.11b	1 to 11	1, 6, 11	DSSS	DBPSK	1	A, B
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6	C, D
802.11n (20MHz)	1 to 11	1, 6, 11	OFDM	BPSK	6.5	E, F
802.11n (20MHz)	1 to 11	1, 6, 11	OFDM	BPSK	13	G
802.11n (40MHz)	3 to 9	3, 6, 9	OFDM	BPSK	13.5	H, I
802.11n (40MHz)	3 to 9	3, 6, 9	OFDM	BPSK	27	J

ANTENNA PORT CONDUCTED MEASUREMENT:

- This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.
- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)	COMBINATION MODE
802.11b	1 to 11	1, 6, 11	DSSS	DBPSK	1	A, B
802.11g	1 to 11	1, 6, 11	OFDM	BPSK	6	C, D
802.11n (20MHz)	1 to 11	1, 6, 11	OFDM	BPSK	6.5	E, F
802.11n (20MHz)	1 to 11	1, 6, 11	OFDM	BPSK	13	G
802.11n (40MHz)	3 to 9	3, 6, 9	OFDM	BPSK	13.5	H, I
802.11n (40MHz)	3 to 9	3, 6, 9	OFDM	BPSK	27	J

CONDUCTED OUT-BAND EMISSION MEASUREMENT:

- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
- Following channel(s) was (were) selected for the final test as listed below.

MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)	COMBINATION MODE
802.11b	1 to 11	1, 11	DSSS	DBPSK	1	A, B
802.11g	1 to 11	1, 11	OFDM	BPSK	6	C, D
802.11n (20MHz)	1 to 11	1, 11	OFDM	BPSK	6.5	E, F
802.11n (20MHz)	1 to 11	1, 11	OFDM	BPSK	13	G
802.11n (40MHz)	3 to 9	3, 9	OFDM	BPSK	13.5	H, I
802.11n (40MHz)	3 to 9	3, 9	OFDM	BPSK	27	J

※ **TEST CONDITION:**

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
PLC	24deg. C, 69%RH	120Vac, 60Hz	Andy Ho
RE ³ 1G	23deg. C, 69%RH	120Vac, 60Hz	Frank Liu
RE<1G	26deg. C, 69%RH	120Vac, 60Hz	Rex Huang
APCM	25deg. C, 60%RH	120Vac, 60Hz	Rex Huang
OB	25deg. C, 60%RH	120Vac, 60Hz	Rex Huang

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C. (15.247)

ANSI C63.4-2003

ANSI C63.10-2009

All test items have been performed and recorded as per the above standards.

NOTE: The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.



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3.4 DESCRIPTION OF SUPPORT UNITS

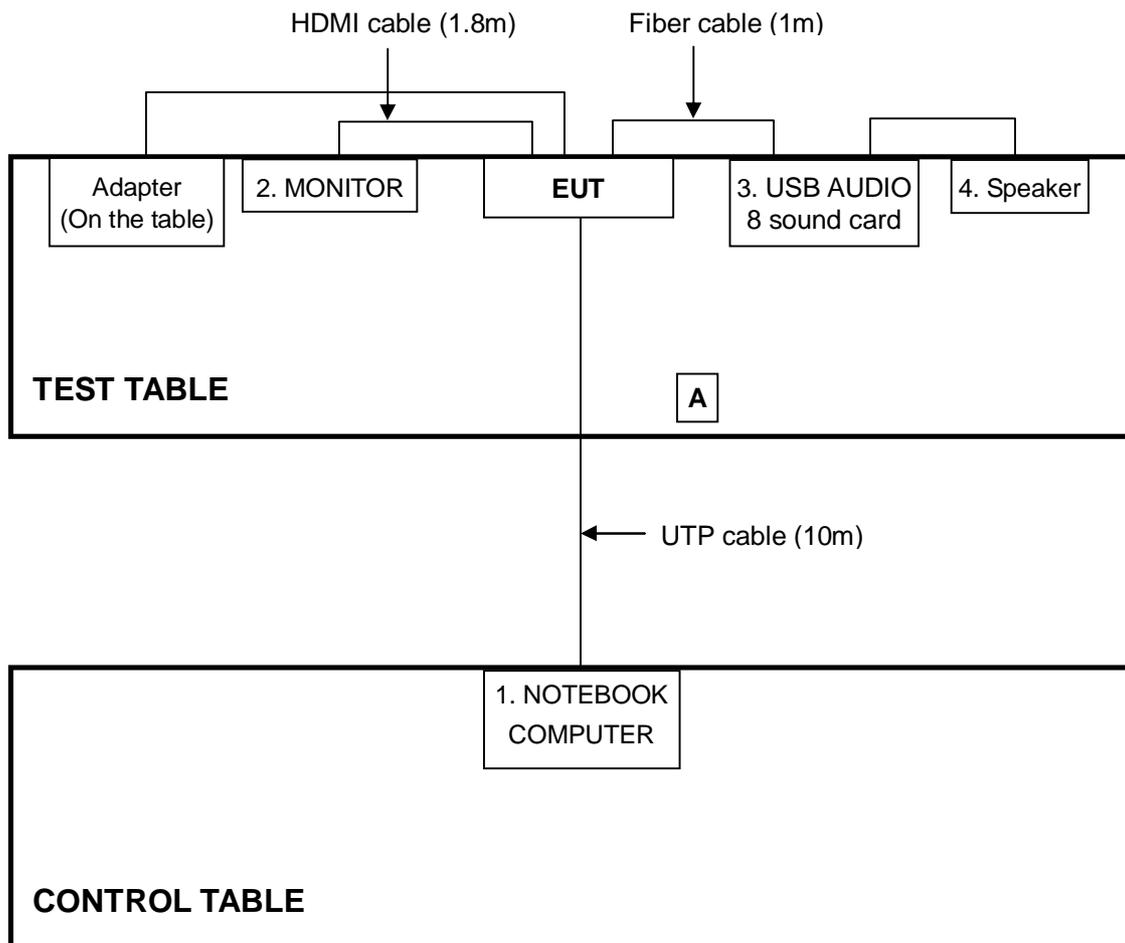
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

NO.	PRODUCT	BRAND	MODEL NO.	SERIAL NO.	FCC ID
1	NOTEBOOK COMPUTER	DELL	PP32LA	FSLB32S	FCC DoC
2	MONITOR	DELL	U2410F	CNOJ257M7287 29AG159L	FCC DoC
3	USB AUDIO 8 sound card	Case	DSA-0101F-05 UP	5204	NA
4	SPEAKER	J-S	JY2003	090404619	FCC DoC

NO.	SIGNAL CABLE DESCRIPTION OF THE ABOVE SUPPORT UNITS
1	UTP cable (10m)
2	HDMI cable (1.8m)
3	Fiber cable (1m)
4	Audio cable (1.2m)

NOTE: All power cords of the above support units are non shielded (1.8m).

3.5 CONFIGURATION OF SYSTEM UNDER TEST



NOTE: Item A is the remote control of the EUT.

4. TEST TYPES AND RESULTS

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.1.2 TEST INSTRUMENTS

Test date: July 25, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver	ESCS 30	100375	Mar. 09, 2011	Mar. 08, 2012
Line-Impedance Stabilization Network (for EUT)	NSLK 8127	8127-522	Sep. 08, 2010	Sep. 07, 2011
Line-Impedance Stabilization Network (for Peripheral)	ESH3-Z5	848773/004	Nov. 03, 2010	Nov. 02, 2011
RF Cable (JYEBAO)	5DFB	COCCAB-002	Aug. 30, 2010	Aug. 29, 2011
50 ohms Terminator	50	3	Oct. 07, 2010	Oct. 06, 2011
Software	BV ADT_Cond_V7.3.7	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Shielded Room No. C.
3. The VCCI Con C Registration No. is C-3611.

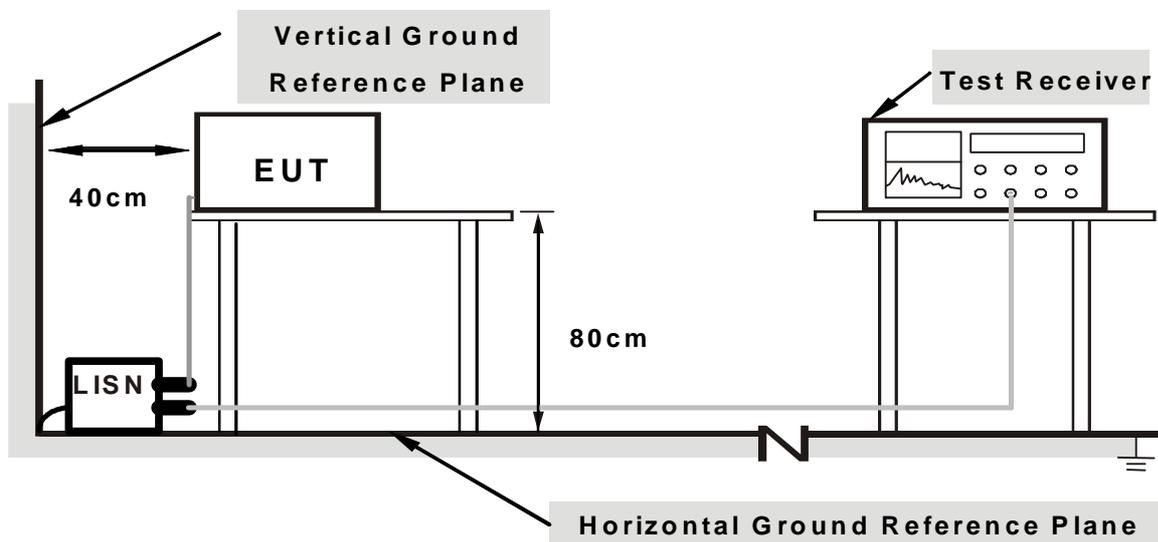
4.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) were not recorded.

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.1.6 EUT OPERATING CONDITIONS

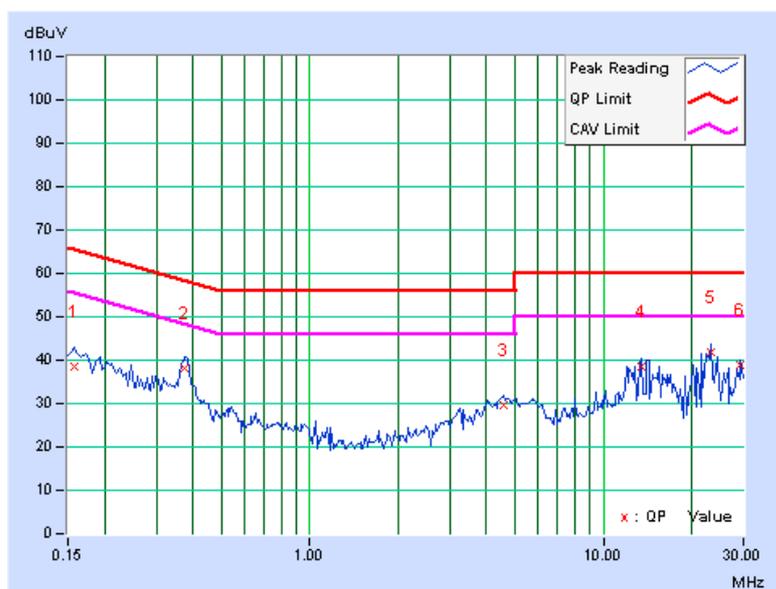
1. Turned on the power of all equipment.
2. Prepared computer system support unit 1 (Notebook) to act as communication partner and placed it outside of testing area.
3. The communication partner ran test program “Broadcom wl command” to enable EUT under transmission/receiving condition continuously via one UTP cable.

4.1.7 TEST RESULTS (MODE 1)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
			1	0.158	0.10	38.45	-	38.55	-	65.58
2	0.377	0.13	37.84	-	37.97	-	58.35	48.35	-20.39	-
3	4.555	0.36	29.45	-	29.81	-	56.00	46.00	-26.19	-
4	13.418	0.81	37.68	-	38.49	-	60.00	50.00	-21.51	-
5	23.129	1.16	40.85	-	42.01	-	60.00	50.00	-17.99	-
6	29.234	1.37	37.43	-	38.80	-	60.00	50.00	-21.20	-

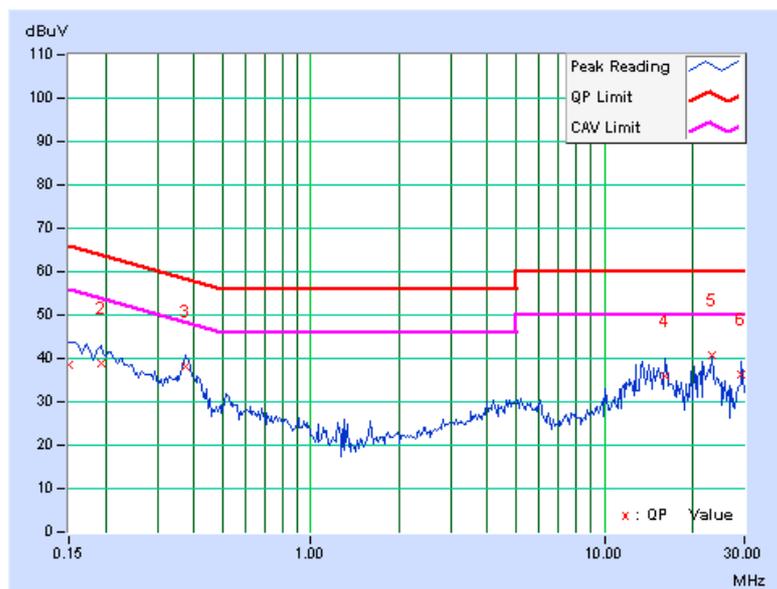
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
			1	0.150	0.11	38.43	-	38.54	-	66.00
2	0.193	0.12	38.95	-	39.07	-	63.91	53.91	-24.84	-
3	0.377	0.14	37.85	-	37.99	-	58.35	48.35	-20.37	-
4	16.168	1.53	34.29	-	35.82	-	60.00	50.00	-24.18	-
5	23.129	2.09	38.56	-	40.65	-	60.00	50.00	-19.35	-
6	29.234	2.58	33.84	-	36.42	-	60.00	50.00	-23.58	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.

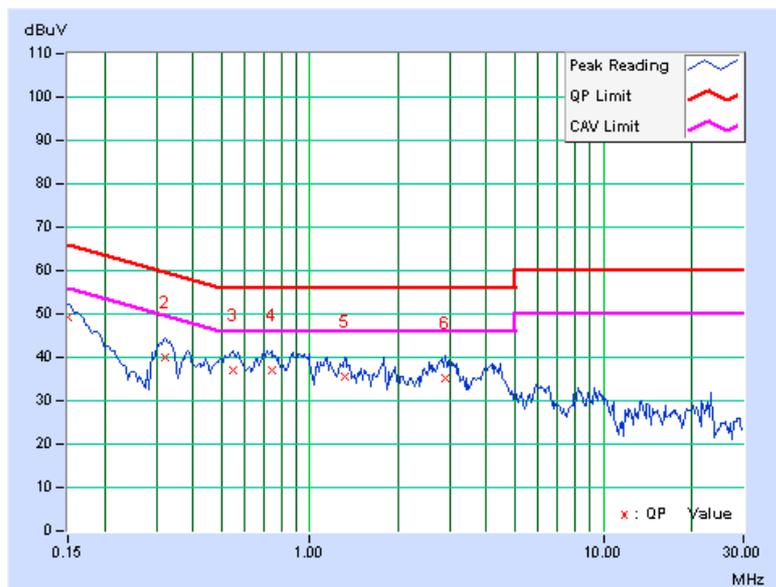


4.1.8 TEST RESULTS (MODE 2)

PHASE	Line (L)	6dB BANDWIDTH	9 kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
	1	0.150	0.10	49.16	-	49.26	-	66.00	56.00	-16.74
2	0.322	0.12	39.77	-	39.89	-	59.66	49.66	-19.77	-
3	0.548	0.14	36.87	-	37.01	-	56.00	46.00	-18.99	-
4	0.740	0.15	36.74	-	36.89	-	56.00	46.00	-19.11	-
5	1.316	0.20	35.28	-	35.48	-	56.00	46.00	-20.52	-
6	2.883	0.29	34.75	-	35.04	-	56.00	46.00	-20.96	-

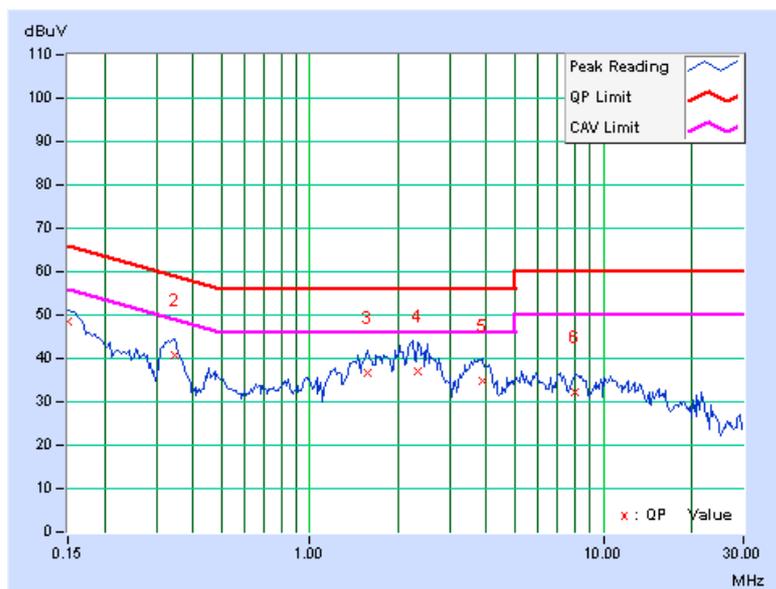
- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



PHASE	Neutral (N)	6dB BANDWIDTH	9 kHz
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No	Freq. [MHz]	Corr. Factor (dB)	Reading Value [dB (uV)]		Emission Level [dB (uV)]		Limit [dB (uV)]		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
			1	0.150	0.11	48.49	-	48.60	-	66.00
2	0.345	0.13	40.58	-	40.71	-	59.07	49.07	-18.36	-
3	1.574	0.20	36.35	-	36.55	-	56.00	46.00	-19.45	-
4	2.332	0.26	36.90	-	37.16	-	56.00	46.00	-18.84	-
5	3.867	0.39	34.58	-	34.97	-	56.00	46.00	-21.03	-
6	7.984	0.83	31.31	-	32.14	-	60.00	50.00	-27.86	-

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Emission level - Limit value
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.



4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
4. Section 15.205 restricted bands of operation shall compliance with the limits in Section 15.209.



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4.2.2 TEST INSTRUMENTS

For Below 1GHz:

Test date: July 25, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Agilent Spectrum Analyzer	E4446A	MY48250253	Aug. 23, 2010	Aug. 22, 2011
Agilent Pre-Selector	N9039A	MY46520310	Aug. 23, 2010	Aug. 22, 2011
Agilent Signal Generator	N5181A	MY49060347	July 30, 2010	July 29, 2011
LIG NEX1 Test Receiver	ER-265	L09068005	Oct. 25, 2010	Oct. 24, 2011
Mini-Circuits Pre-Amplifier	ZFL-1000VH2B	AMP-ZFL-04	Nov. 16, 2010	Nov. 15, 2011
Agilent Pre-Amplifier	8449B	3008A02465	Feb. 28, 2011	Feb. 27, 2012
Miteq Pre-Amplifier	AFS33-1800265 0-30-8P-44	881786	NA	NA
SCHWARZBECK Trilog Broadband Antenna	VULB 9168	9168-361	Apr. 14, 2011	Apr. 13, 2012
AISI Horn_Antenna	AIH.8018	0000220091110	Nov. 22, 2010	Nov. 21, 2011
SCHWARZBECK Horn_Antenna	BBHA 9170	9170-424	Oct. 08, 2010	Oct. 07, 2011
R&S Loop Antenna	HFH2-Z2	100070	Feb. 03, 2010	Feb. 02, 2012
RF CABLE	NA	RF104-205 RF104-207 RF104-202	Dec. 28, 2010	Dec. 27, 2011
RF Cable	NA	CHHCAB_001	NA	NA
Software	ADT_Radiated_V8.7.05	NA	NA	NA
CT Antenna Tower & Turn Table	NA	NA	NA	NA

- Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in 966 Chamber No. H.
4. The FCC Site Registration No. is 797305.
5. The CANADA Site Registration No. is IC 7450H-3.



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For Above 1GHz:

Test date: July 25, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Agilent Spectrum Analyzer	E4446A	MY48250254	July 12, 2011	July 11, 2012
Agilent Pre-Selector	N9039A	MY46520311	July 12, 2011	July 11, 2012
Agilent Signal Generator	N5181A	MY49060517	July 12, 2011	July 11, 2012
Mini-Circuits Pre-Amplifier	ZFL-1000VH2B	AMP-ZFL-03	Nov. 16, 2010	Nov. 15, 2011
Agilent Pre-Amplifier	8449B	3008A02578	July 04, 2011	July 03, 2012
Miteq Pre-Amplifier	AFS33-1800265 0-30-8P-44	881786	NA	NA
SCHWARZBECK Trilog Broadband Antenna	VULB 9168	9168-360	Apr. 14, 2011	Apr. 13, 2012
AISI Horn_Antenna	AIH.8018	0000320091110	Nov. 12, 2010	Nov. 11, 2011
SCHWARZBECK Horn_Antenna	BBHA 9170	9170-424	Oct. 08, 2010	Oct. 07, 2011
R&S Loop Antenna	HFH2-Z2	100070	Feb. 03, 2010	Feb. 02, 2012
RF CABLE	NA	RF104-201 RF104-203 RF104-204	Dec. 27, 2010	Dec. 26, 2011
RF Cable	NA	CHGCAB_001	NA	NA
Software	ADT_Radiated_V8.7.05	NA	NA	NA
CT Antenna Tower & Turn Table	NA	NA	NA	NA

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.

3. The test was performed in 966 Chamber No. G.

4. The FCC Site Registration No. is 966073.

5. The VCCI Site Registration No. is G-137.

6. The CANADA Site Registration No. is IC 7450H-2.

4.2.3 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

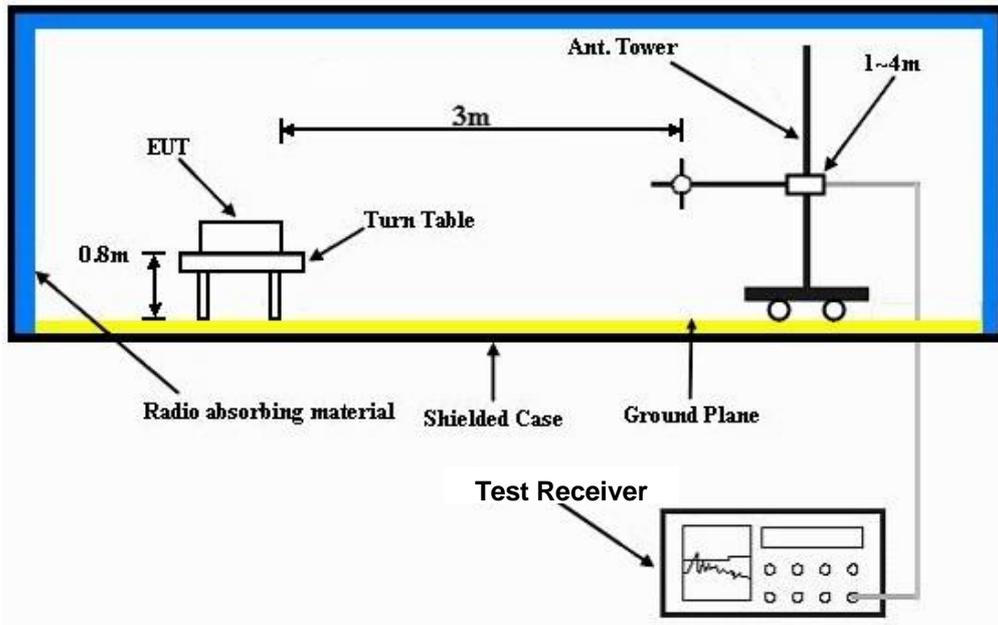
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz for Average detection (AV) at frequency above 1GHz.

4.2.4 DEVIATION FROM TEST STANDARD

No deviation

4.2.5 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.2.6 EUT OPERATING CONDITIONS

Same as 4.1.6

4.2.7 TEST RESULTS

BELOW 1GHz WORST-CASE DATA : 802.11n (20MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	Below 1000MHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Quasi-Peak
ENVIRONMENTAL CONDITIONS	26deg. C, 69%RH	TESTED BY	Rex Huang

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	148.19	36.4 QP	43.5	-7.1	1.75 H	43	21.98	14.42
2	165.48	37.6 QP	43.5	-5.9	1.50 H	5	23.62	13.96
3	304.74	36.1 QP	46.0	-9.9	1.00 H	288	20.82	15.28
4	496.23	40.2 QP	46.0	-5.8	1.75 H	119	20.75	19.45
5	661.55	36.2 QP	46.0	-9.9	1.50 H	344	14.22	21.93
6	741.72	37.2 QP	46.0	-8.8	2.00 H	0	14.10	23.08
7	890.10	37.7 QP	46.0	-8.3	1.50 H	13	12.03	25.66
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	37.50	35.9 QP	40.0	-4.2	1.00 V	239	22.18	13.67
2	118.58	39.8 QP	43.5	-3.7	1.00 V	248	27.60	12.17
3	165.48	38.7 QP	43.5	-4.8	1.00 V	274	24.71	13.96
4	496.23	41.4 QP	46.0	-4.6	2.00 V	0	21.92	19.45
5	661.55	36.7 QP	46.0	-9.3	1.00 V	334	14.81	21.93
6	741.72	42.1 QP	46.0	-3.9	1.00 V	323	19.02	23.08
7	992.30	38.4 QP	54.0	-15.6	1.50 V	82	11.50	26.93

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.



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ABOVE 1GHz WORST-CASE DATA

Single Chain(0) - 802.11b DSSS MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2389.33	61.7 PK	74.0	-12.3	1.10 H	184	30.05	31.65
2	2389.33	53.1 AV	54.0	-0.9	1.10 H	184	21.45	31.65
3	*2412.00	108.0 PK			1.10 H	184	76.27	31.73
4	*2412.00	105.3 AV			1.10 H	184	73.57	31.73
5	4824.00	49.6 PK	74.0	-24.4	1.00 H	293	10.63	38.97
6	4824.00	43.7 AV	54.0	-10.3	1.00 H	293	4.73	38.97

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2389.20	56.6 PK	74.0	-17.4	1.00 V	123	24.95	31.65
2	2389.20	46.4 AV	54.0	-7.6	1.00 V	123	14.75	31.65
3	*2412.00	102.3 PK			1.00 V	123	70.57	31.73
4	*2412.00	99.4 AV			1.00 V	123	67.67	31.73
5	4824.00	51.6 PK	74.0	-22.4	1.10 V	245	12.63	38.97
6	4824.00	48.4 AV	54.0	-5.6	1.10 V	245	9.43	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	109.4 PK			1.05 H	181	77.59	31.81
2	*2437.00	106.2 AV			1.05 H	181	74.39	31.81
3	4874.00	48.3 PK	74.0	-25.7	1.04 H	190	9.16	39.14
4	4874.00	43.9 AV	54.0	-10.1	1.04 H	190	4.76	39.14
5	7311.00	54.2 PK	74.0	-19.8	1.48 H	58	7.57	46.63
6	7311.00	47.5 AV	54.0	-6.5	1.48 H	58	0.87	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	103.5 PK			1.00 V	335	71.69	31.81
2	*2437.00	101.0 AV			1.00 V	335	69.19	31.81
3	4874.00	54.6 PK	74.0	-19.4	1.00 V	244	15.46	39.14
4	4874.00	51.9 AV	54.0	-2.1	1.00 V	244	12.76	39.14
5	7311.00	57.9 PK	74.0	-16.1	1.24 V	115	11.27	46.63
6	7311.00	53.1 AV	54.0	-0.9	1.24 V	115	6.47	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	1323.01	54.6 PK	74.0	-19.4	1.07 H	124	27.22	27.38
2	1323.01	51.8 AV	54.0	-2.2	1.07 H	124	24.42	27.38
3	*2462.00	106.2 PK			1.07 H	177	74.31	31.89
4	*2462.00	103.2 AV			1.07 H	177	71.31	31.89
5	2483.50	60.7 PK	74.0	-13.3	1.07 H	177	28.73	31.97
6	2483.50	53.1 AV	54.0	-0.9	1.07 H	177	21.13	31.97
7	4924.00	48.0 PK	74.0	-26.0	1.00 H	293	8.69	39.31
8	4924.00	39.4 AV	54.0	-14.6	1.00 H	293	0.09	39.31
9	7386.00	56.7 PK	74.0	-17.3	1.55 H	199	10.10	46.60
10	7386.00	49.6 AV	54.0	-4.4	1.55 H	199	3.00	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

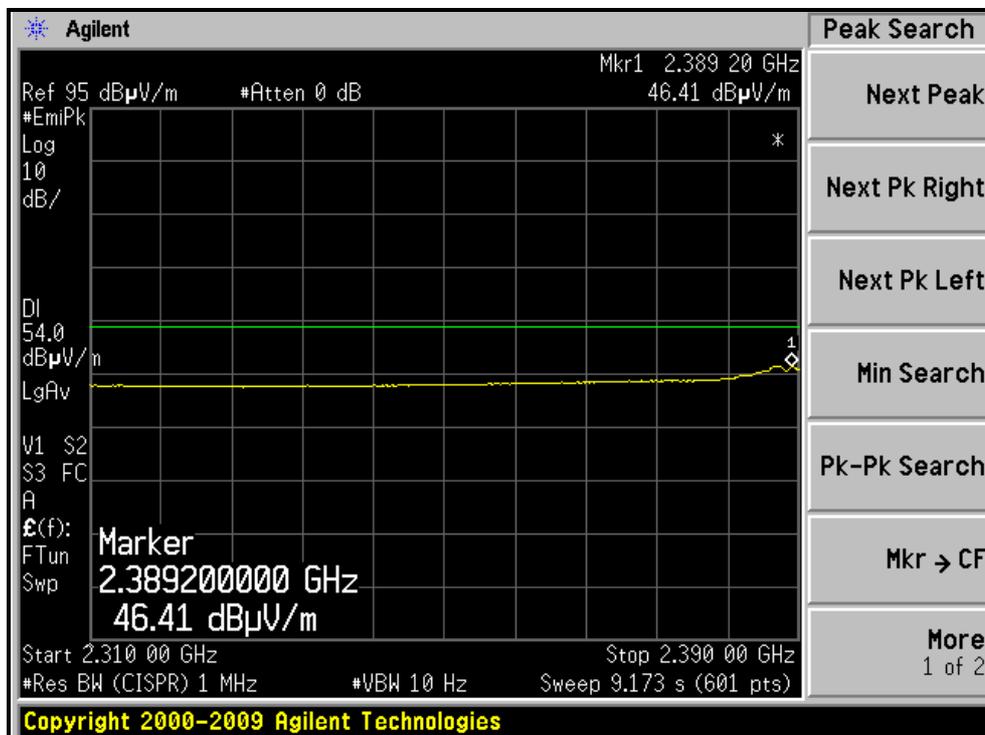
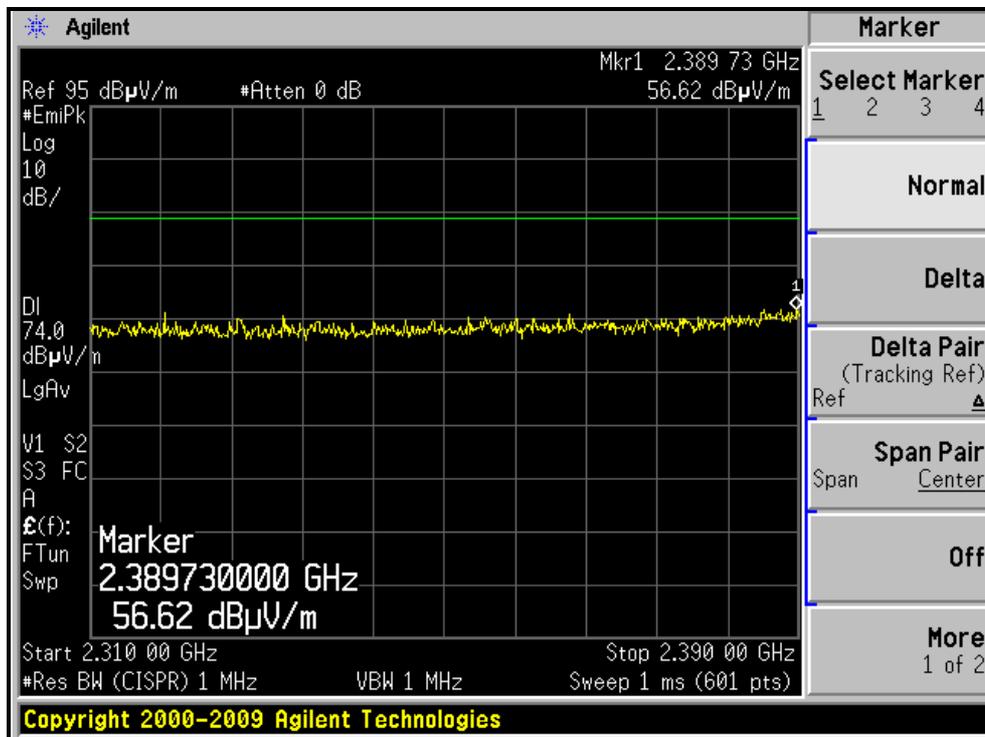
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	1323.01	48.7 PK	74.0	-25.3	1.37 V	92	21.32	27.38
2	1323.01	42.9 AV	54.0	-11.1	1.37 V	92	15.52	27.38
3	*2462.00	103.8 PK			1.00 V	339	71.91	31.89
4	*2462.00	101.7 AV			1.00 V	339	69.81	31.89
5	2483.50	58.7 PK	74.0	-15.3	1.00 V	342	26.73	31.97
6	2483.50	49.6 AV	54.0	-4.4	1.00 V	342	17.63	31.97
7	4924.00	53.6 PK	74.0	-20.4	1.00 V	245	14.29	39.31
8	4924.00	50.4 AV	54.0	-3.6	1.00 V	245	11.09	39.31
9	7386.00	55.6 PK	74.0	-18.4	1.22 V	113	9.00	46.60
10	7386.00	50.2 AV	54.0	-3.8	1.22 V	113	3.60	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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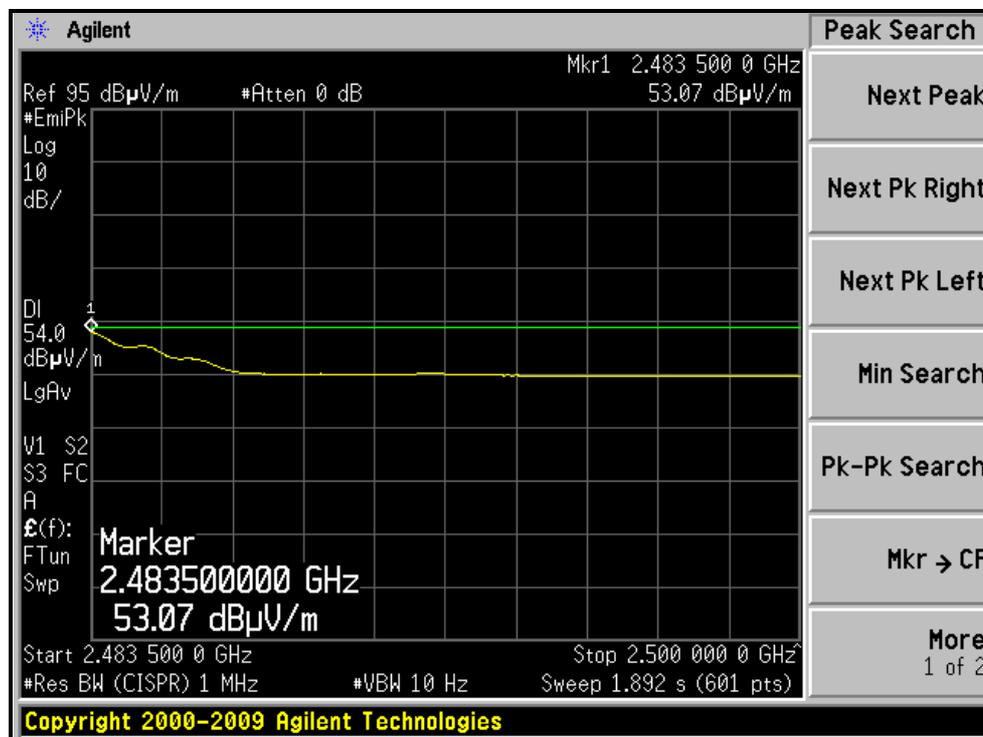
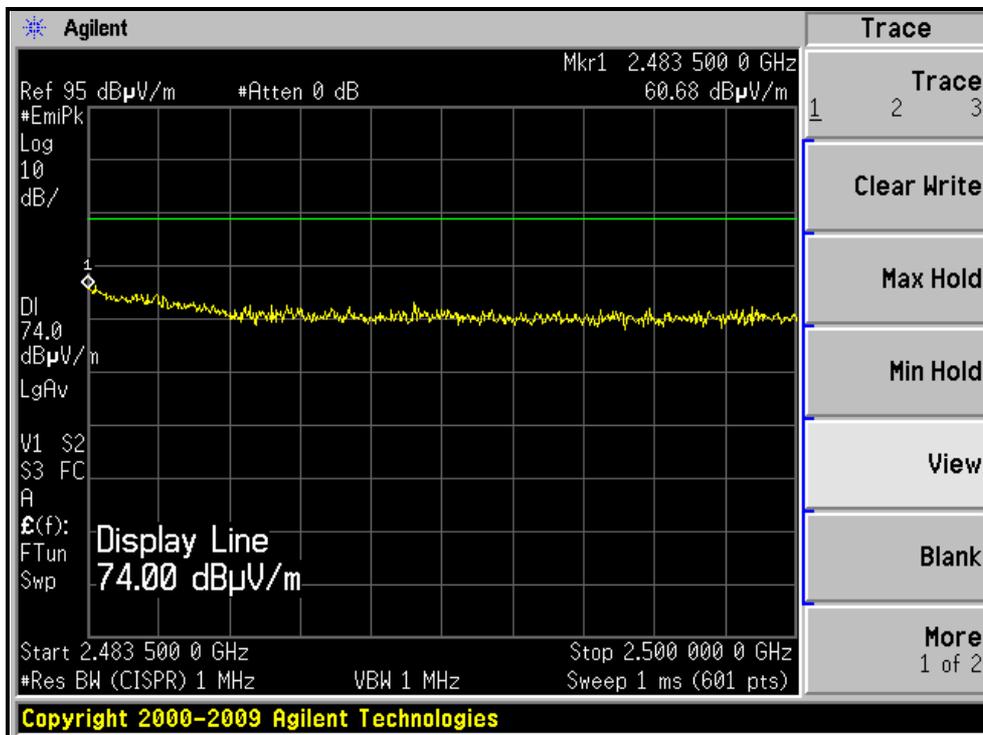
RESTRICTED BANDEDGE (802.11b MODE, CH1, VERTICAL)





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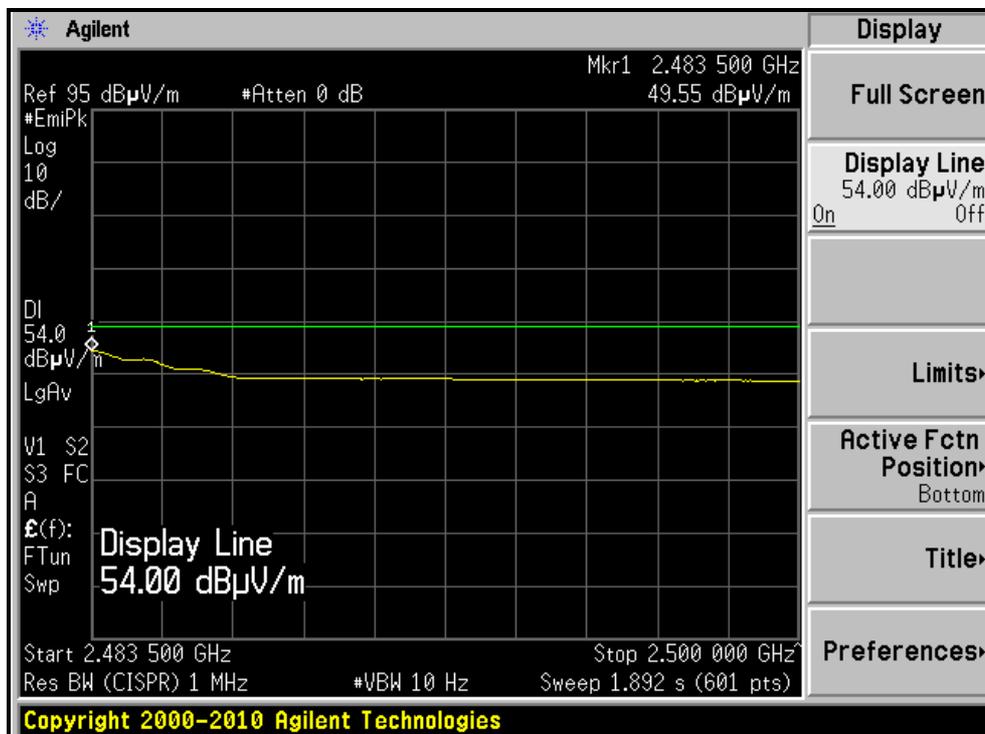
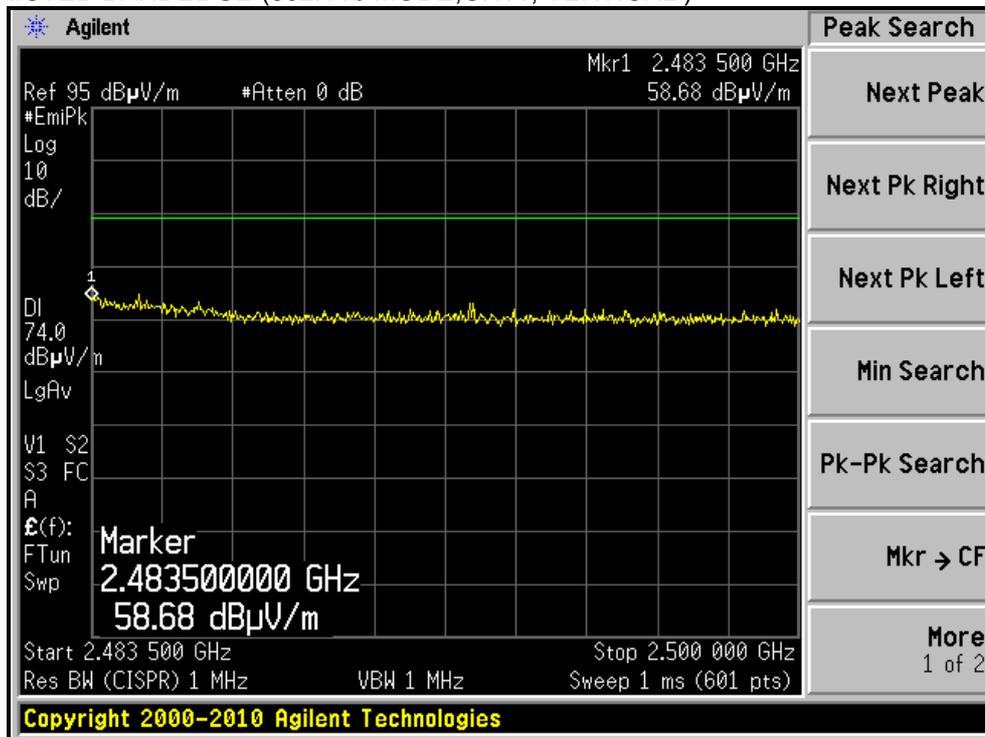
RESTRICTED BANDEDGE (802.11b MODE,CH11, HORIZONTAL)





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RESTRICTED BANDEDGE (802.11b MODE, CH11, VERTICAL)





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Single Chain(0) - 802.11g OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	70.1 PK	74.0	-3.9	1.11 H	170	38.44	31.66
2	2390.00	53.5 AV	54.0	-0.5	1.11 H	170	21.84	31.66
3	*2412.00	106.3 PK			1.11 H	170	74.57	31.73
4	*2412.00	96.0 AV			1.11 H	170	64.27	31.73
5	4824.00	45.8 PK	74.0	-28.2	1.13 H	210	6.83	38.97
6	4824.00	34.3 AV	54.0	-19.7	1.13 H	210	-4.67	38.97
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.3 PK	74.0	-12.7	1.00 V	332	29.64	31.66
2	2390.00	48.7 AV	54.0	-5.3	1.00 V	332	17.04	31.66
3	*2412.00	102.0 PK			1.00 V	339	70.27	31.73
4	*2412.00	91.0 AV			1.00 V	339	59.27	31.73
5	4824.00	48.1 PK	74.0	-25.9	1.00 V	83	9.13	38.97
6	4824.00	36.3 AV	54.0	-17.7	1.00 V	83	-2.67	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.8 PK	74.0	-9.2	1.06 H	169	33.14	31.66
2	2390.00	50.1 AV	54.0	-3.9	1.06 H	169	18.44	31.66
3	*2437.00	113.8 PK			1.08 H	180	81.99	31.81
4	*2437.00	103.3 AV			1.08 H	180	71.49	31.81
5	2483.50	71.5 PK	74.0	-2.5	1.08 H	185	39.53	31.97
6	2483.50	49.5 AV	54.0	-4.5	1.08 H	185	17.53	31.97
7	4874.00	47.1 PK	74.0	-26.9	1.00 H	249	7.96	39.14
8	4874.00	36.0 AV	54.0	-18.0	1.00 H	249	-3.14	39.14
9	7311.00	53.9 PK	74.0	-20.1	1.07 H	285	7.27	46.63
10	7311.00	41.6 AV	54.0	-12.4	1.07 H	285	-5.03	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	106.2 PK			1.00 V	336	74.39	31.81
2	*2437.00	95.3 AV			1.00 V	336	63.49	31.81
3	4874.00	49.5 PK	74.0	-24.5	1.00 V	242	10.36	39.14
4	4874.00	39.6 AV	54.0	-14.4	1.00 V	242	0.46	39.14
5	7311.00	62.8 PK	74.0	-11.2	1.24 V	113	16.17	46.63
6	7311.00	51.0 AV	54.0	-3.0	1.24 V	113	4.37	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

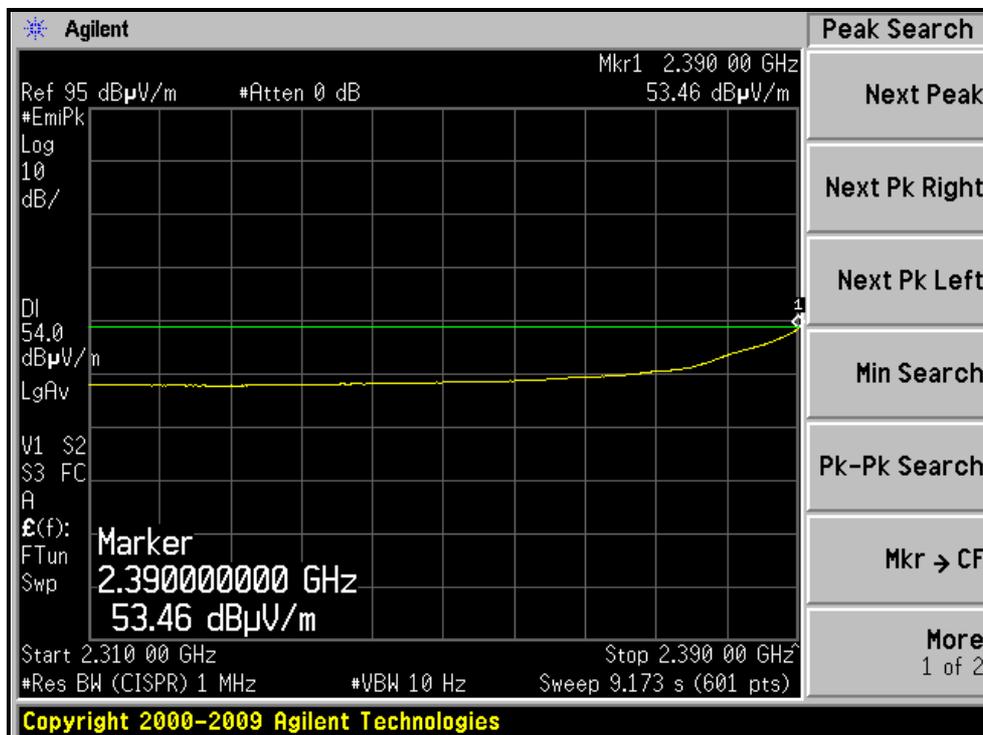
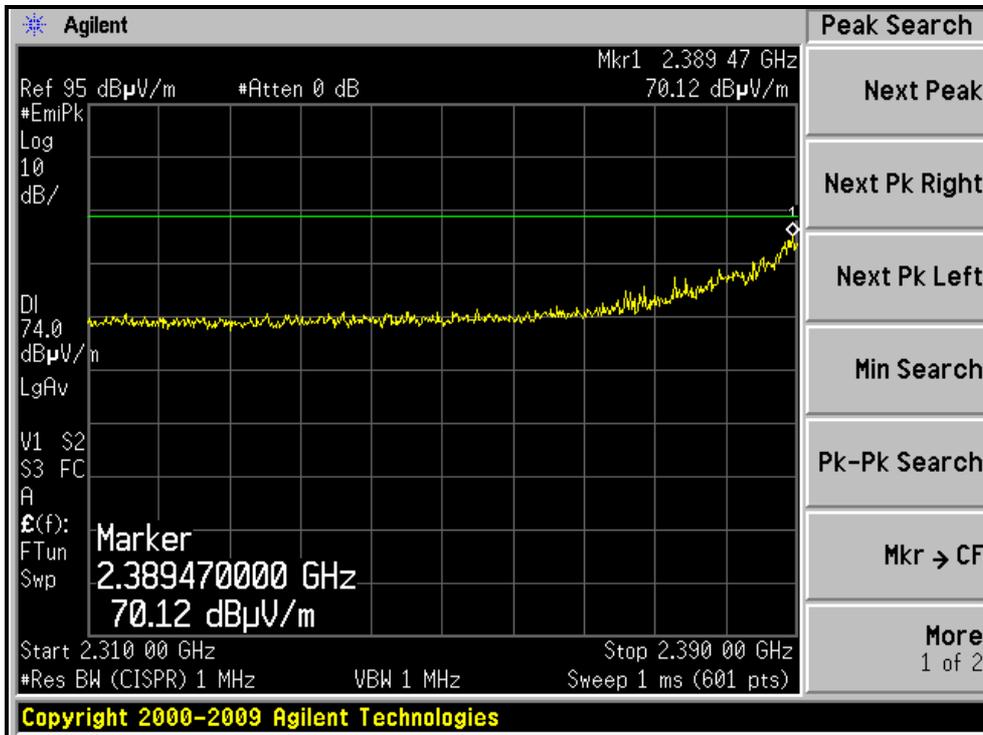
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	103.8 PK			1.48 H	58	71.91	31.89
2	*2462.00	93.6 AV			1.48 H	58	61.71	31.89
3	2483.50	69.8 PK	74.0	-4.2	1.48 H	58	37.83	31.97
4	2483.50	53.2 AV	54.0	-0.8	1.48 H	58	21.23	31.97
5	4924.00	46.4 PK	74.0	-27.6	1.03 H	261	7.09	39.31
6	4924.00	34.7 AV	54.0	-19.3	1.03 H	261	-4.61	39.31
7	7386.00	54.6 PK	74.0	-19.4	1.05 H	283	8.00	46.60
8	7386.00	41.6 AV	54.0	-12.4	1.05 H	283	-5.00	46.60
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	102.5 PK			1.00 V	339	70.61	31.89
2	*2462.00	91.4 AV			1.00 V	339	59.51	31.89
3	2483.50	65.4 PK	74.0	-8.6	1.00 V	337	33.43	31.97
4	2483.50	50.5 AV	54.0	-3.5	1.00 V	337	18.53	31.97
5	4924.00	48.8 PK	74.0	-25.2	1.00 V	83	9.49	39.31
6	4924.00	35.7 AV	54.0	-18.3	1.00 V	83	-3.61	39.31
7	7386.00	51.8 PK	74.0	-22.2	1.34 V	114	5.20	46.60
8	7386.00	39.7 AV	54.0	-14.3	1.34 V	114	-6.90	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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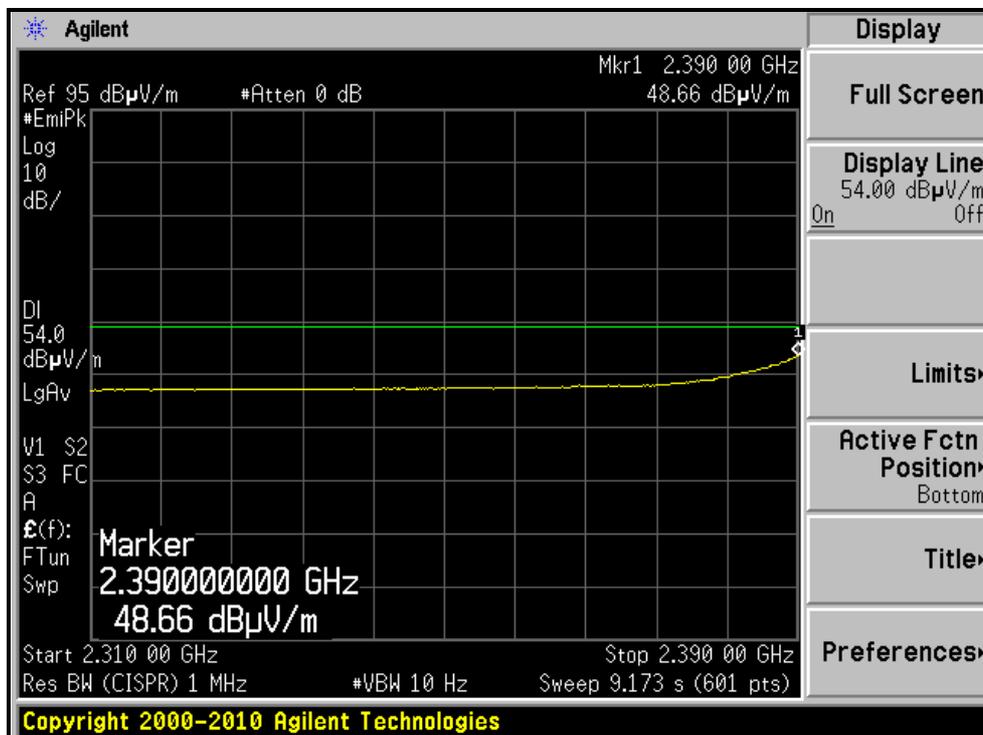
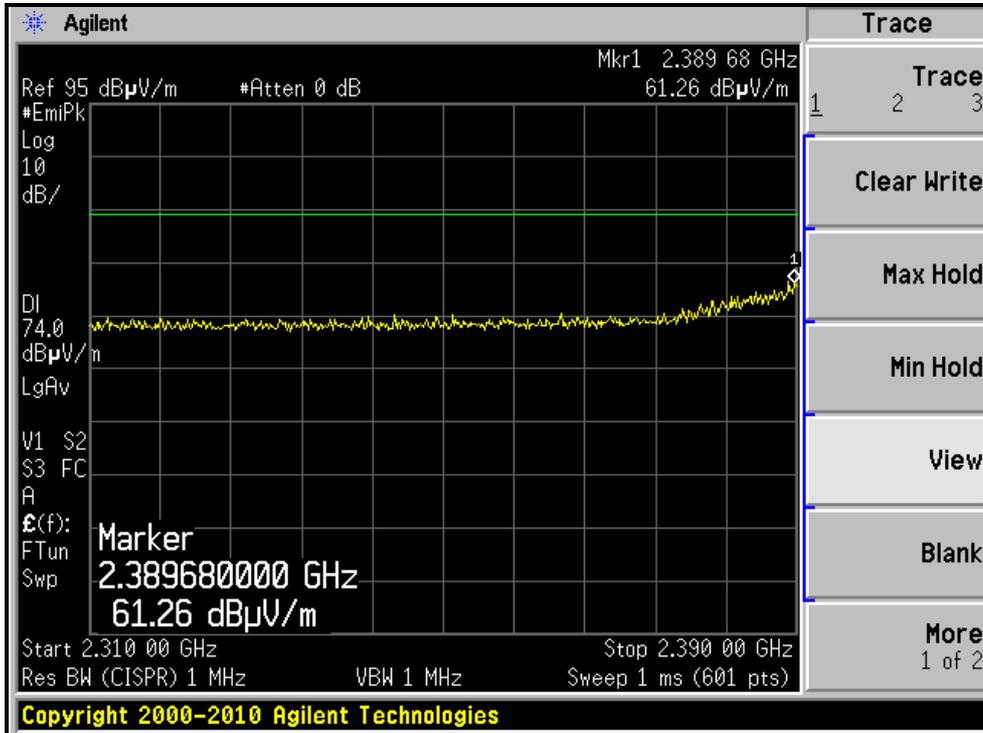
RESTRICTED BANDEDGE (802.11g MODE, CH1, HORIZONTAL)





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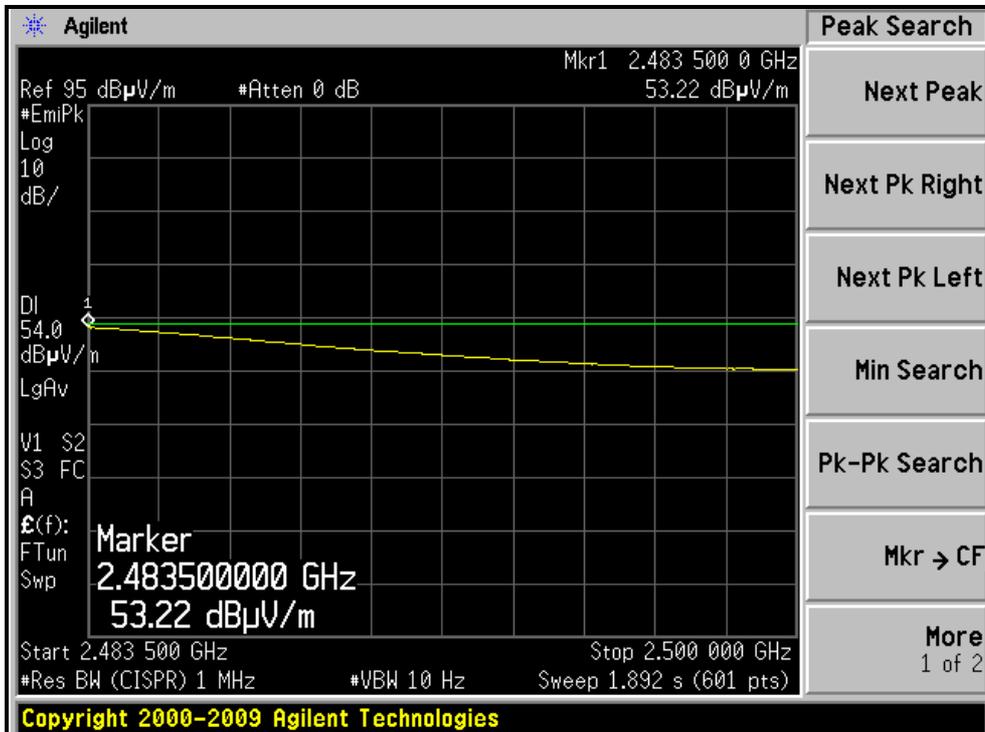
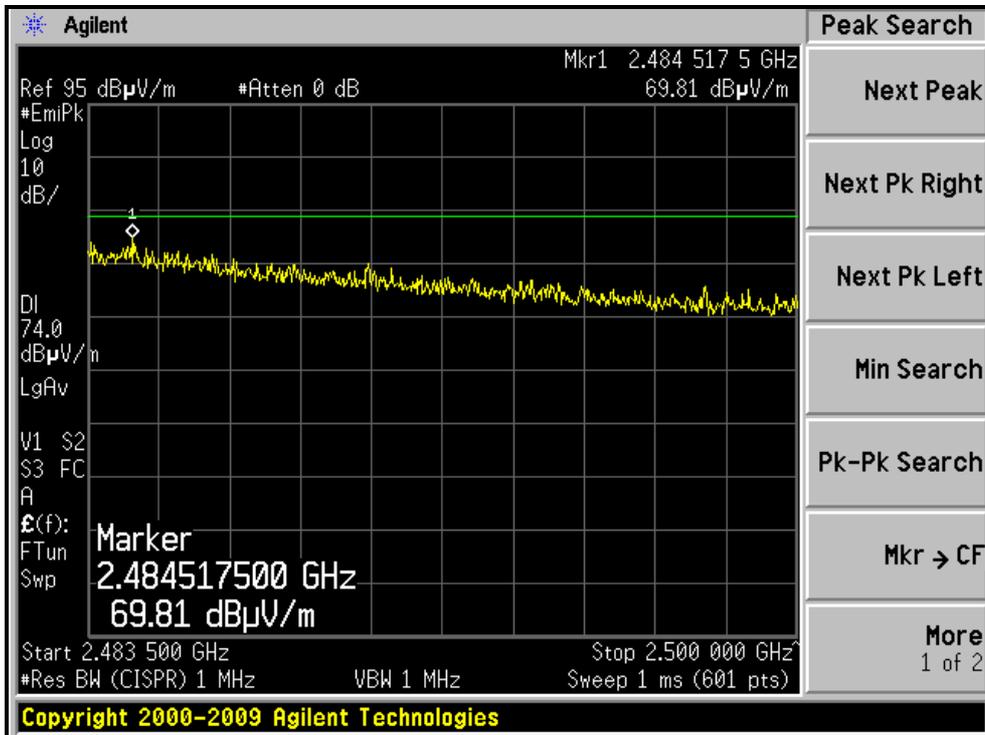
RESTRICTED BANDEDGE (802.11g MODE, CH1, VERTICAL)





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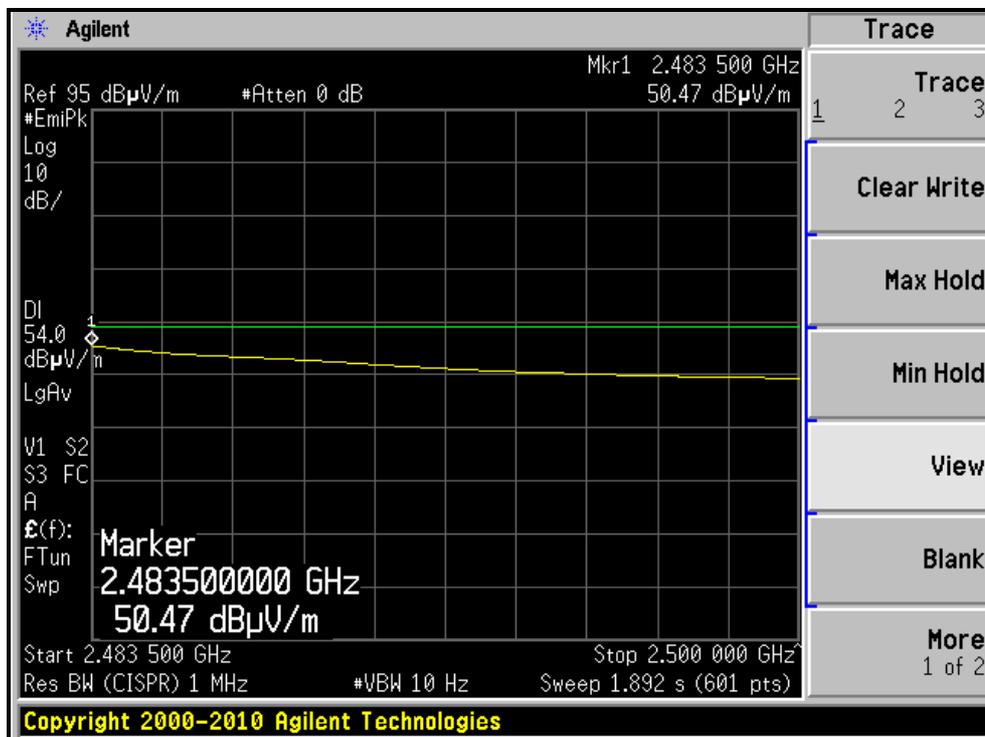
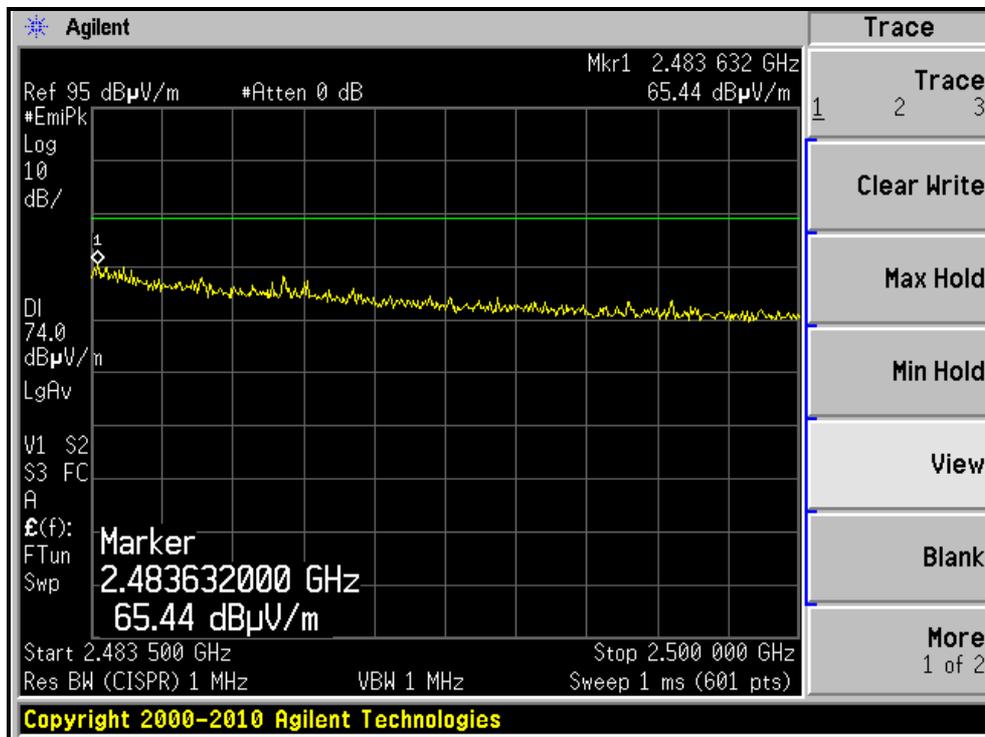
RESTRICTED BANDEDGE (802.11g MODE, CH11, HORIZONTAL)





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RESTRICTED BANDEDGE (802.11g MODE, CH11, VERTICAL)





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Single Chain(0) - 802.11n (20MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	70.3 PK	74.0	-3.7	1.11 H	180	38.64	31.66
2	2390.00	53.3 AV	54.0	-0.7	1.11 H	180	21.64	31.66
3	*2412.00	106.3 PK			1.08 H	180	74.57	31.73
4	*2412.00	95.3 AV			1.08 H	180	63.57	31.73
5	4824.00	45.7 PK	74.0	-28.3	1.15 H	199	6.73	38.97
6	4824.00	34.4 AV	54.0	-19.6	1.15 H	199	-4.57	38.97
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.7 PK	74.0	-7.3	1.00 V	331	35.04	31.66
2	2390.00	48.6 AV	54.0	-5.4	1.00 V	331	16.94	31.66
3	*2412.00	101.5 PK			1.00 V	327	69.77	31.73
4	*2412.00	90.2 AV			1.00 V	327	58.47	31.73
5	4824.00	49.5 PK	74.0	-24.5	1.01 V	65	10.53	38.97
6	4824.00	37.6 AV	54.0	-16.4	1.01 V	65	-1.37	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.4 PK	74.0	-12.6	1.12 H	180	29.74	31.66
2	2390.00	48.2 AV	54.0	-5.8	1.12 H	180	16.54	31.66
3	*2437.00	110.6 PK			1.06 H	189	78.79	31.81
4	*2437.00	100.4 AV			1.06 H	189	68.59	31.81
5	2483.50	72.4 PK	74.0	-1.6	1.07 H	192	40.43	31.97
6	2483.50	50.6 AV	54.0	-3.4	1.07 H	192	18.63	31.97
7	4874.00	47.6 PK	74.0	-26.4	1.00 H	262	8.46	39.14
8	4874.00	36.2 AV	54.0	-17.8	1.00 H	262	-2.94	39.14
9	7311.00	53.7 PK	74.0	-20.3	1.13 H	289	7.07	46.63
10	7311.00	41.5 AV	54.0	-12.5	1.13 H	289	-5.13	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	105.9 PK			1.00 V	337	74.09	31.81
2	*2437.00	95.1 AV			1.00 V	337	63.29	31.81
3	4874.00	49.4 PK	74.0	-24.6	1.00 V	241	10.26	39.14
4	4874.00	39.2 AV	54.0	-14.8	1.00 V	241	0.06	39.14
5	7311.00	62.4 PK	74.0	-11.6	1.26 V	112	15.77	46.63
6	7311.00	50.8 AV	54.0	-3.2	1.26 V	112	4.17	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

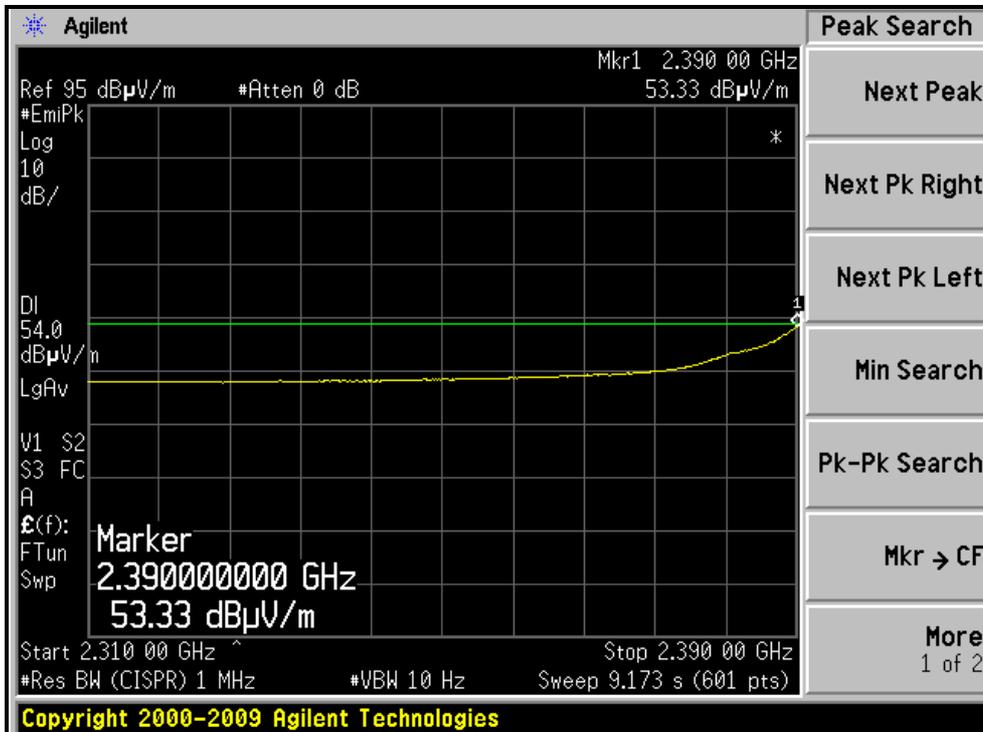
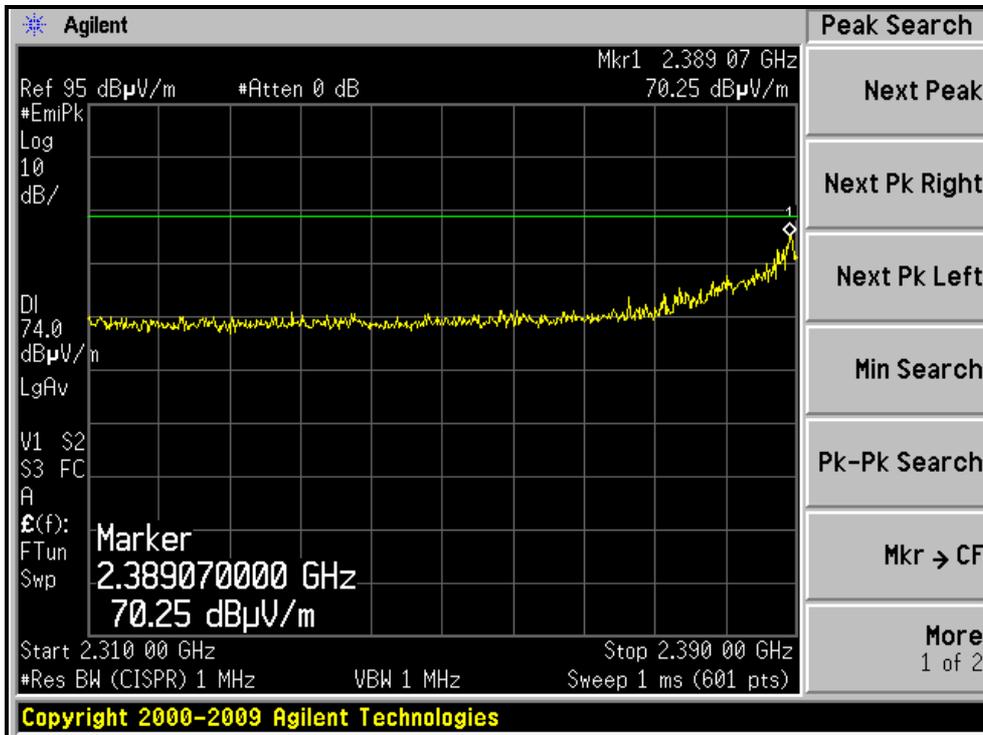
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	103.0 PK			1.09 H	188	71.11	31.89
2	*2462.00	93.3 AV			1.09 H	188	61.41	31.89
3	2483.50	68.4 PK	74.0	-5.6	1.09 H	188	36.43	31.97
4	2483.50	53.2 AV	54.0	-0.8	1.09 H	188	21.23	31.97
5	4924.00	70.0 PK	74.0	-4.0	1.45 H	63	30.69	39.31
6	4924.00	53.1 AV	54.0	-0.9	1.45 H	63	13.79	39.31
7	7386.00	46.0 PK	74.0	-28.0	1.01 H	262	-0.60	46.60
8	7386.00	34.5 AV	54.0	-19.5	1.01 H	262	-12.10	46.60
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	101.6 PK			1.00 V	322	69.71	31.89
2	*2462.00	91.3 AV			1.00 V	322	59.41	31.89
3	2483.50	69.9 PK	74.0	-4.1	1.00 V	325	37.93	31.97
4	2483.50	52.7 AV	54.0	-1.3	1.00 V	325	20.73	31.97
5	4924.00	50.1 PK	74.0	-23.9	1.04 V	68	10.79	39.31
6	4924.00	37.2 AV	54.0	-16.8	1.04 V	68	-2.11	39.31
7	7386.00	52.0 PK	74.0	-22.0	1.13 V	58	5.40	46.60
8	7386.00	39.8 AV	54.0	-14.2	1.13 V	58	-6.80	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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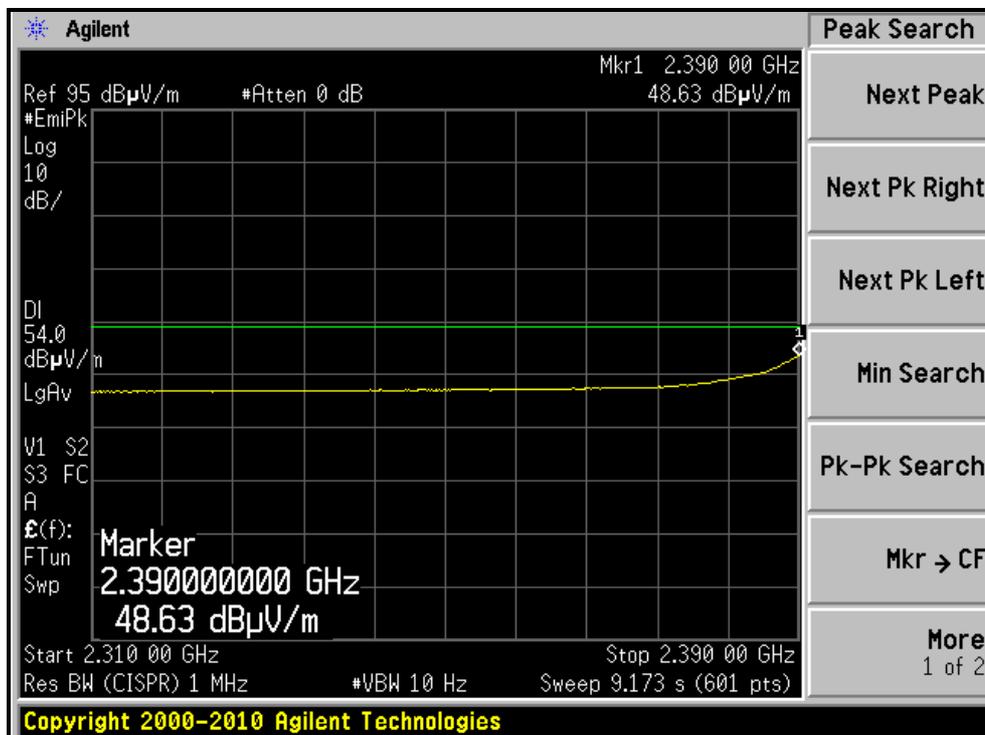
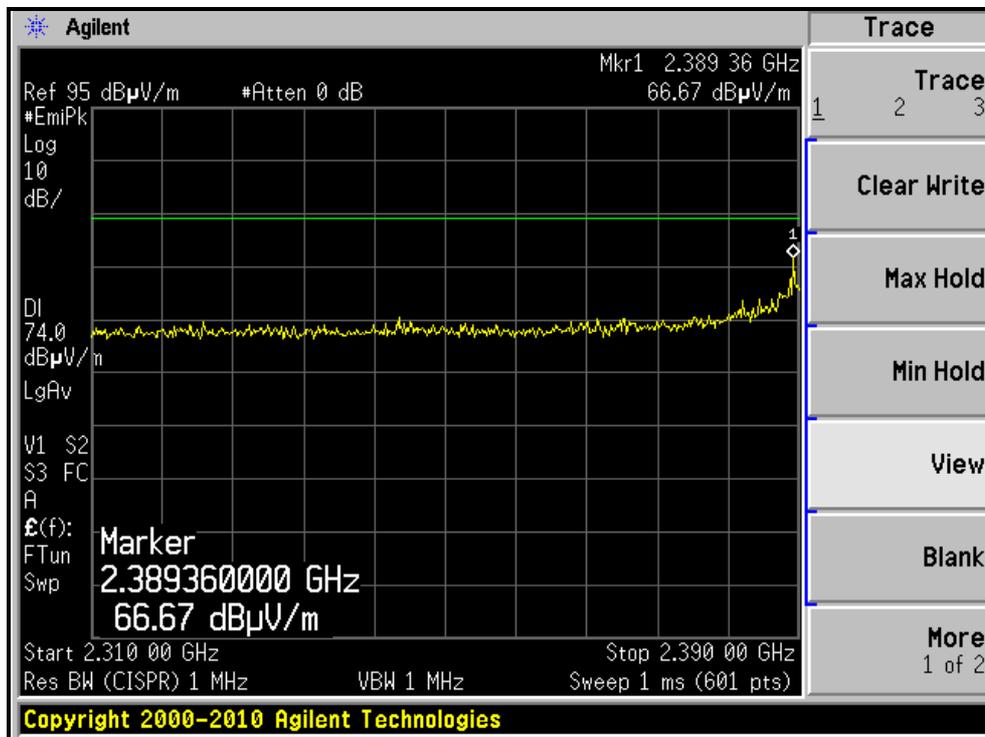
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, HORIZONTAL)





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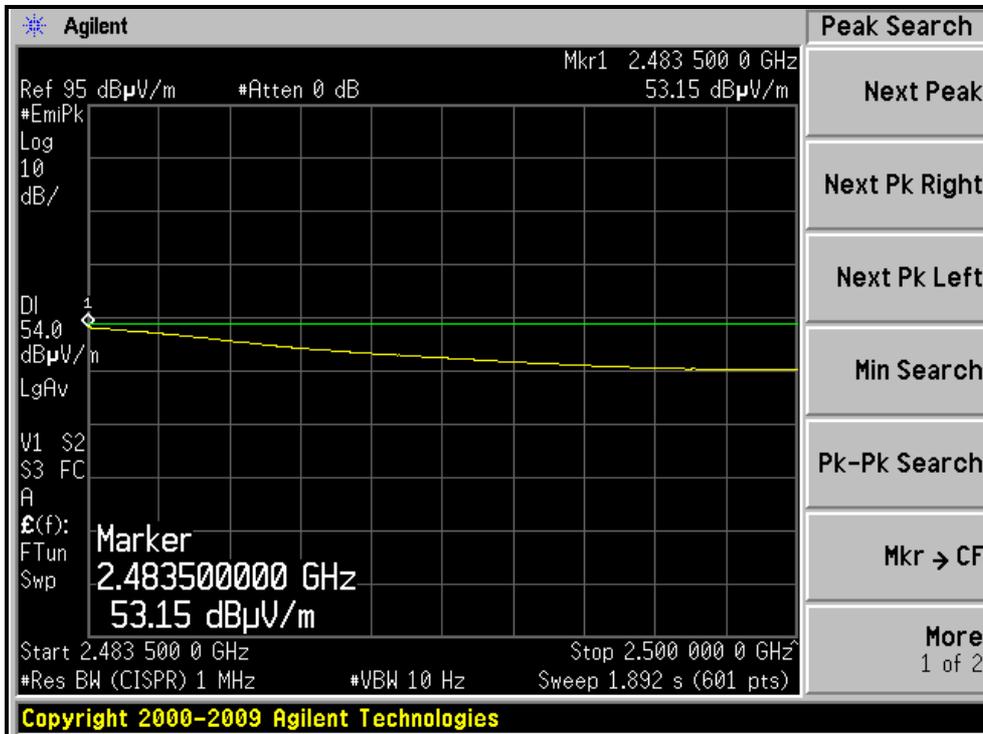
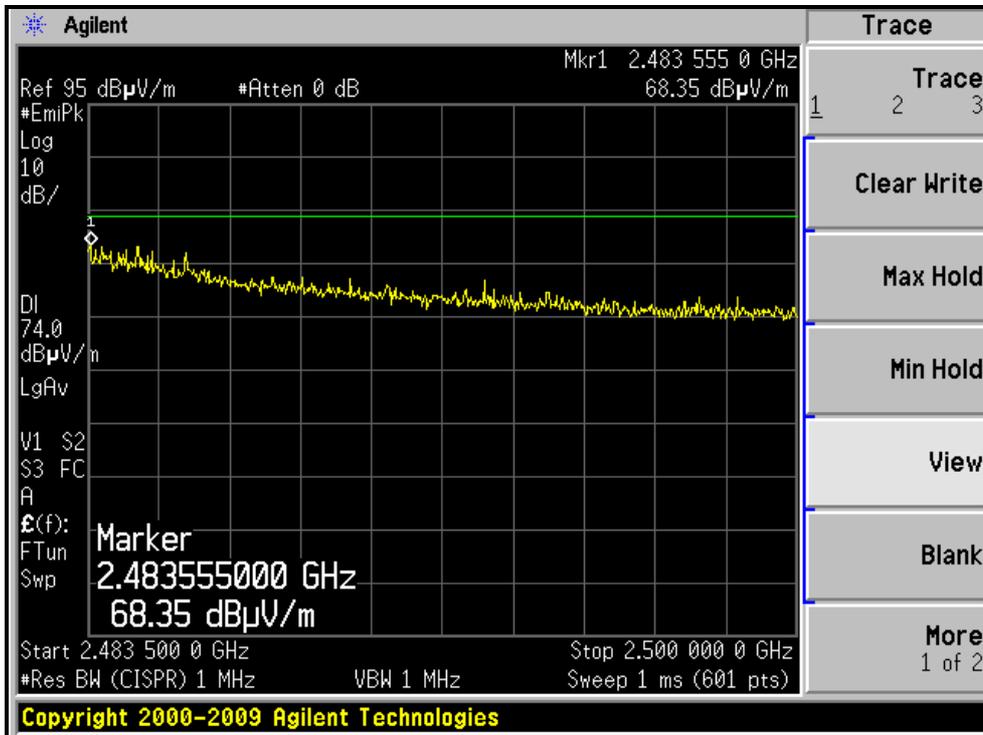
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, VERTICAL)



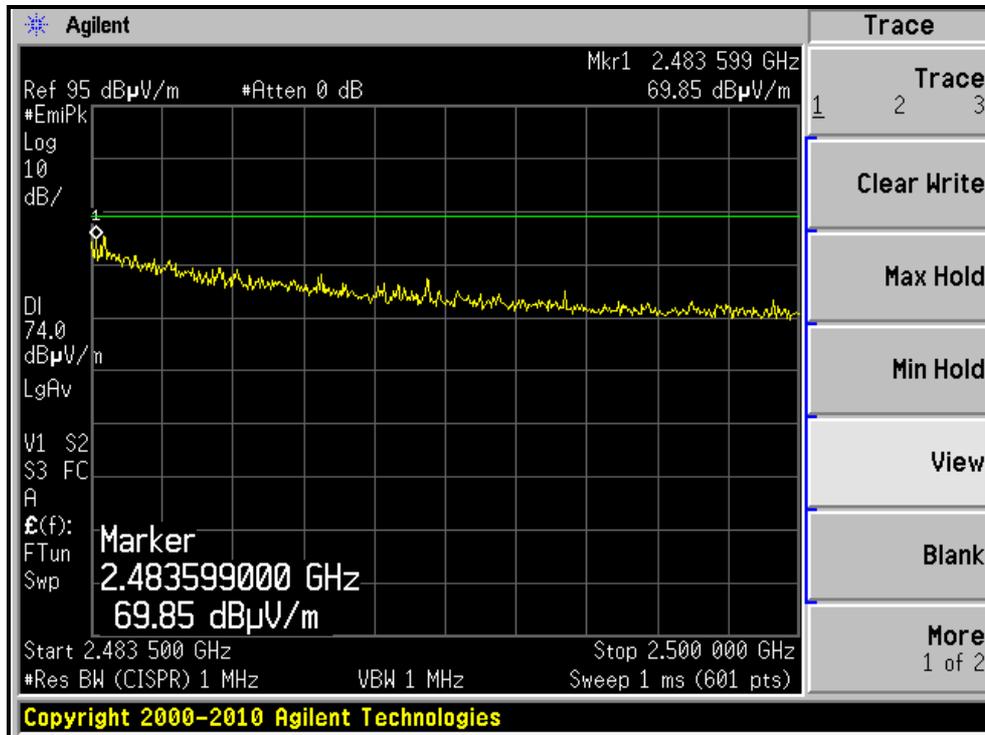


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RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, HORIZONTAL)



RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, VERTICAL)





A D T

Single Chain(0) - 802.11n (40MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 3	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	70.6 PK	74.0	-3.4	1.11 H	187	38.94	31.66
2	2390.00	53.2 AV	54.0	-0.8	1.11 H	187	21.54	31.66
3	*2422.00	101.6 PK			1.11 H	187	69.84	31.76
4	*2422.00	90.6 AV			1.11 H	187	58.84	31.76
5	4844.00	46.7 PK	74.0	-27.3	1.06 H	172	7.66	39.04
6	4844.00	34.2 AV	54.0	-19.8	1.06 H	172	-4.84	39.04
7	7266.00	53.0 PK	74.0	-21.0	1.04 H	275	6.33	46.67
8	7266.00	40.1 AV	54.0	-13.9	1.04 H	275	-6.57	46.67

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	60.1 PK	74.0	-13.9	1.00 V	328	28.44	31.66
2	2390.00	48.0 AV	54.0	-6.0	1.00 V	328	16.34	31.66
3	*2422.00	95.2 PK			1.00 V	327	63.44	31.76
4	*2422.00	83.2 AV			1.00 V	327	51.44	31.76
5	4844.00	48.2 PK	74.0	-25.8	1.06 V	65	9.16	39.04
6	4844.00	37.1 AV	54.0	-16.9	1.06 V	65	-1.94	39.04
7	7266.00	51.4 PK	74.0	-22.6	1.14 V	69	4.73	46.67
8	7266.00	39.2 AV	54.0	-14.8	1.14 V	69	-7.47	46.67

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.1 PK	74.0	-5.9	1.10 H	180	36.44	31.66
2	2390.00	53.2 AV	54.0	-0.8	1.10 H	180	21.54	31.66
3	*2437.00	103.9 PK			1.09 H	176	72.09	31.81
4	*2437.00	93.3 AV			1.09 H	176	61.49	31.81
5	2483.50	72.6 PK	74.0	-1.4	1.09 H	190	40.63	31.97
6	2483.50	52.6 AV	54.0	-1.4	1.09 H	190	20.63	31.97
7	4874.00	46.1 PK	74.0	-27.9	1.11 H	218	6.96	39.14
8	4874.00	35.6 AV	54.0	-18.4	1.11 H	218	-3.54	39.14
9	7311.00	54.1 PK	74.0	-19.9	1.13 H	231	7.47	46.63
10	7311.00	41.8 AV	54.0	-12.2	1.13 H	231	-4.83	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	99.2 PK			1.02 V	338	67.39	31.81
2	*2437.00	87.4 AV			1.02 V	338	55.59	31.81
3	4874.00	48.8 PK	74.0	-25.2	1.00 V	86	9.66	39.14
4	4874.00	37.1 AV	54.0	-16.9	1.00 V	86	-2.04	39.14
5	7311.00	52.0 PK	74.0	-22.0	1.17 V	71	5.37	46.63
6	7311.00	39.3 AV	54.0	-14.7	1.17 V	71	-7.33	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 9	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	101.9 PK			1.07 H	191	70.04	31.86
2	*2452.00	90.8 AV			1.07 H	191	58.94	31.86
3	2485.97	70.6 PK	74.0	-3.4	1.07 H	191	38.63	31.97
4	2485.97	53.4 AV	54.0	-0.6	1.07 H	191	21.43	31.97
5	4904.00	46.5 PK	74.0	-27.5	1.03 H	262	7.26	39.24
6	4904.00	34.9 AV	54.0	-19.1	1.03 H	262	-4.34	39.24
7	7356.00	53.2 PK	74.0	-20.8	1.06 H	287	6.59	46.61
8	7356.00	41.4 AV	54.0	-12.6	1.06 H	287	-5.21	46.61

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

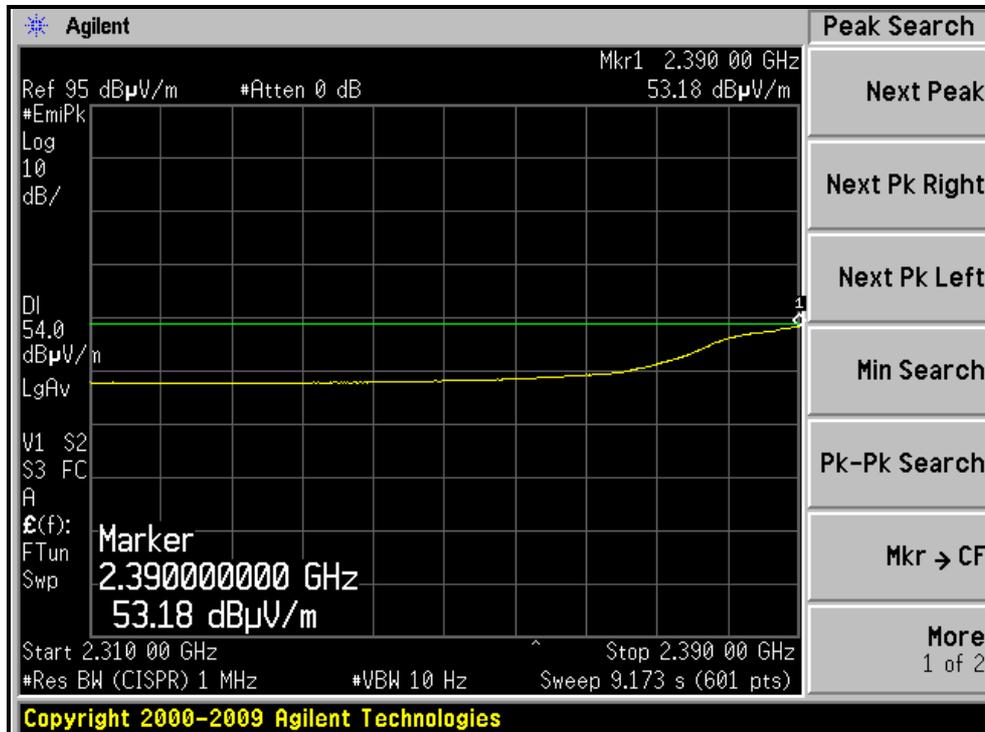
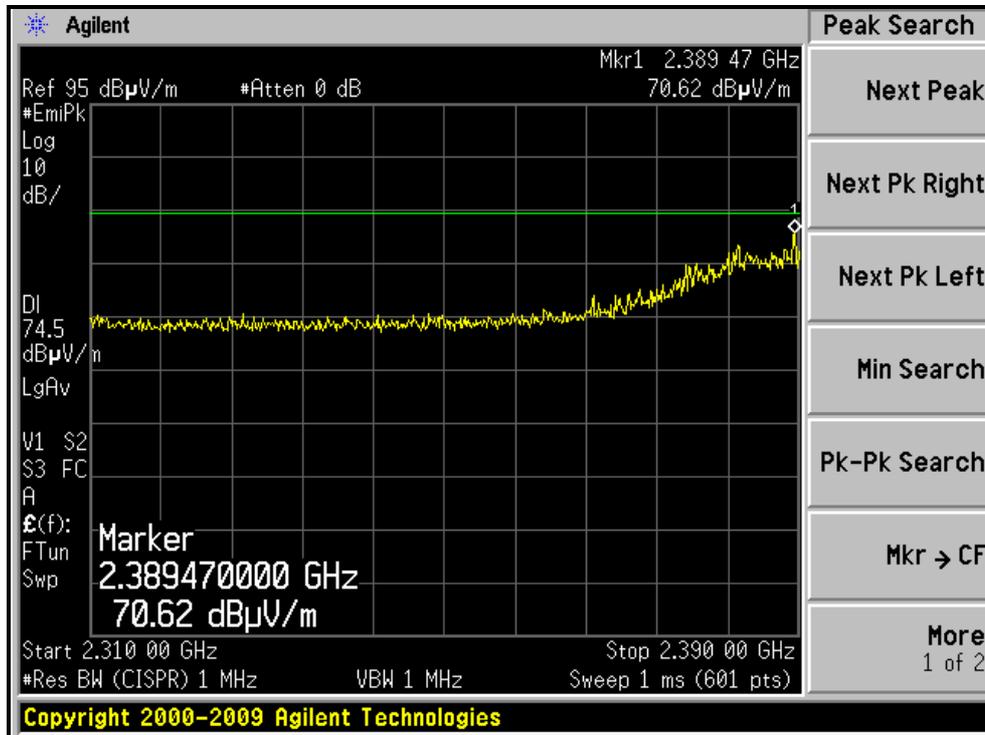
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1	*2452.00	97.5 PK			1.00 V	325	65.64	31.86
2	*2452.00	87.6 AV			1.00 V	325	55.74	31.86
3	2485.90	67.1 PK	74.0	-6.9	1.00 V	324	35.13	31.97
4	2485.90	50.9 AV	54.0	-3.1	1.00 V	324	18.93	31.97
5	4904.00	49.0 PK	74.0	-25.0	1.13 V	58	9.76	39.24
6	4904.00	36.6 AV	54.0	-17.4	1.13 V	58	-2.64	39.24
7	7356.00	51.1 PK	74.0	-22.9	1.15 V	60	4.49	46.61
8	7356.00	39.3 AV	54.0	-14.7	1.15 V	60	-7.31	46.61

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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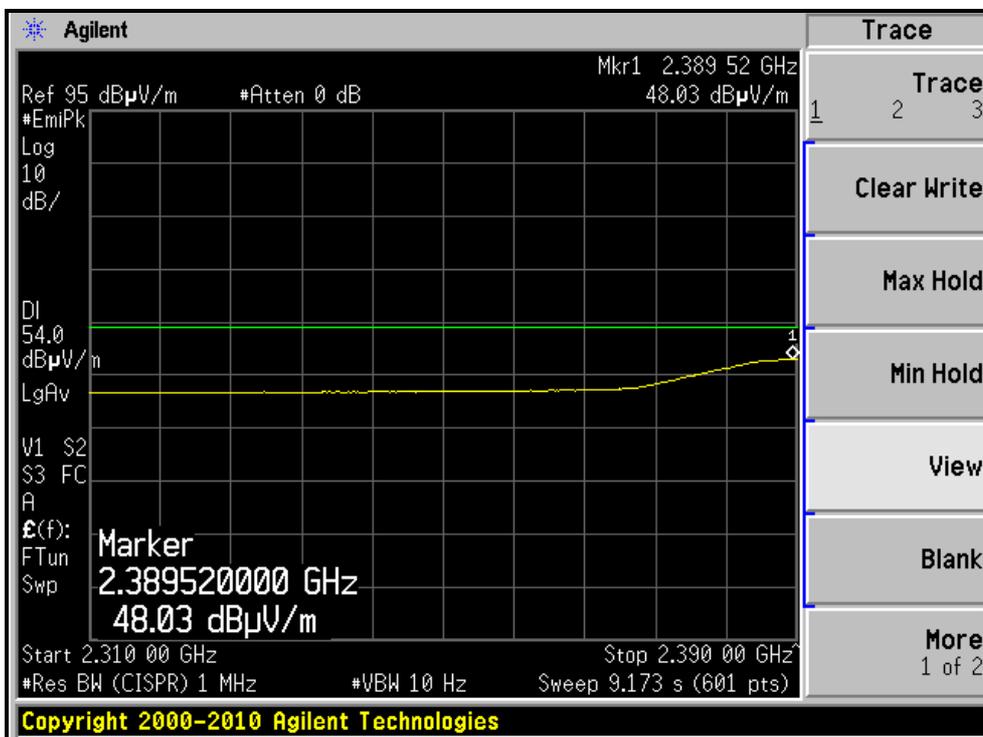
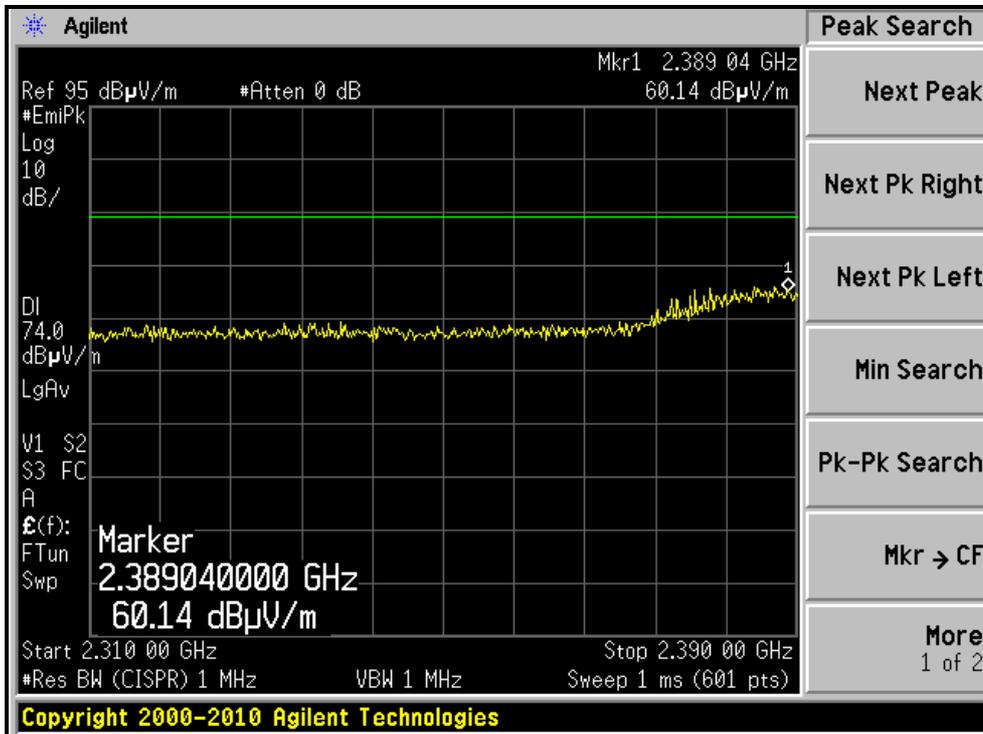
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, HORIZONTAL)





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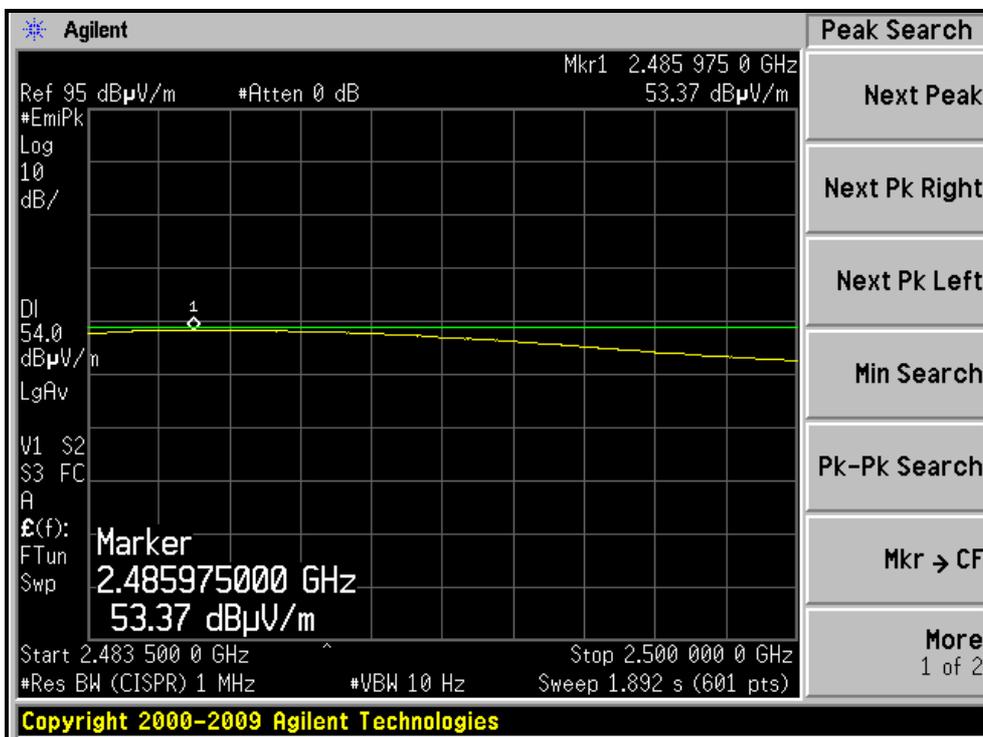
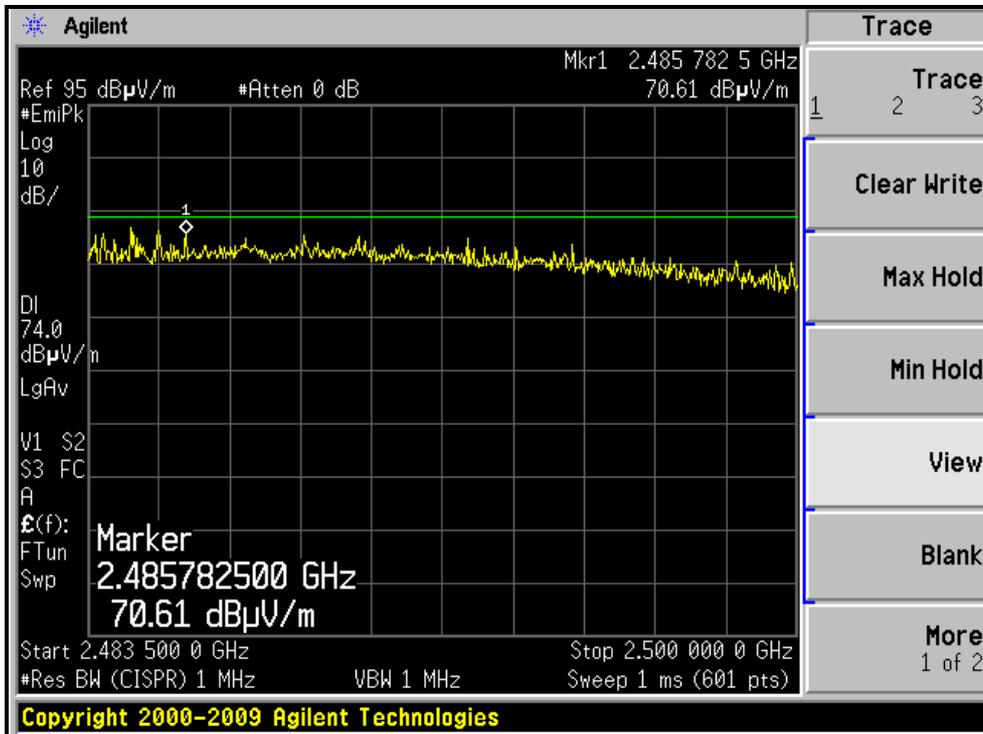
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, VERTICAL)





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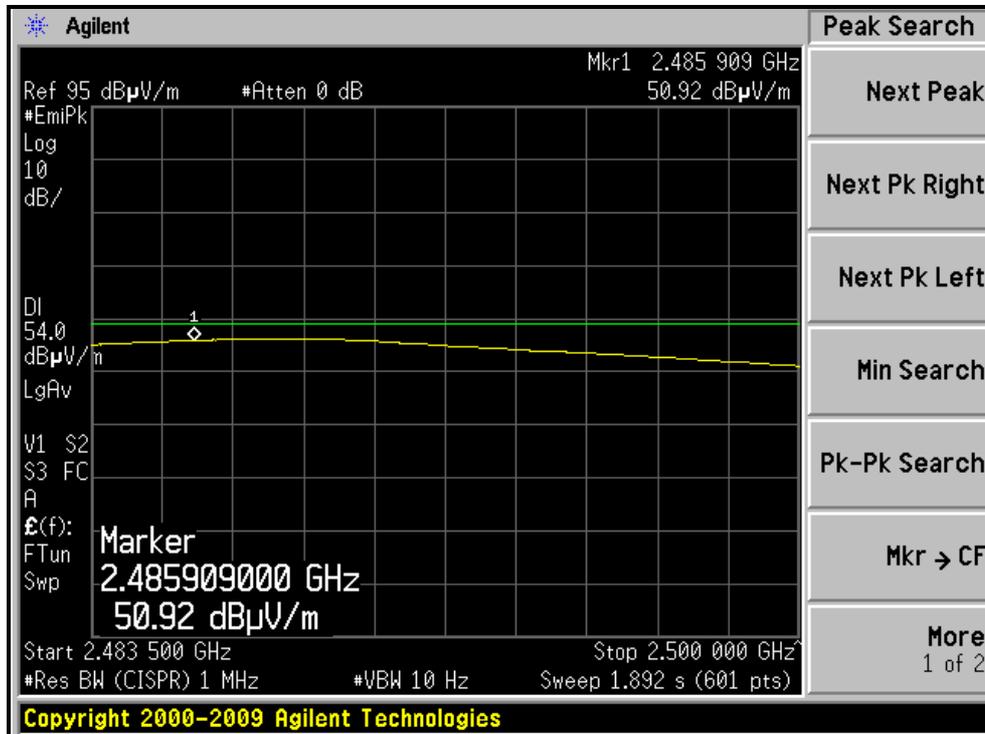
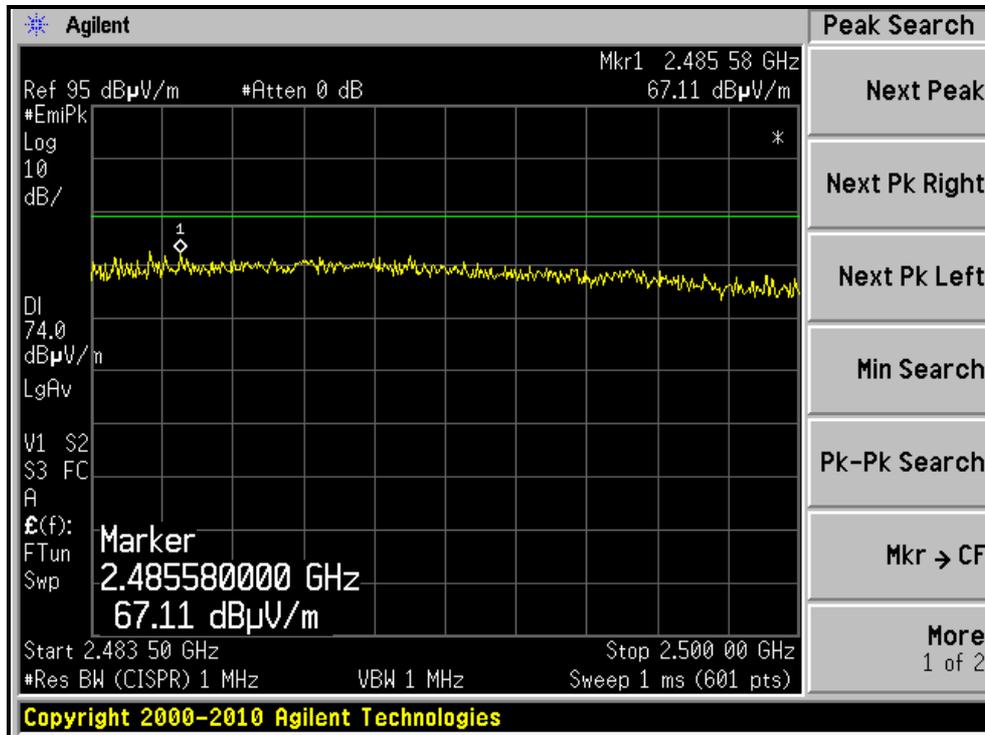
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, HORIZONTAL)





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RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, VERTICAL)





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ABOVE 1GHz WORST-CASE DATA

Single Chain(1) - 802.11b DSSS MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2389.33	61.0 PK	74.0	-13.0	1.00 H	71	29.35	31.65
2	2389.33	52.9 AV	54.0	-1.1	1.00 H	71	21.25	31.65
3	*2412.00	110.1 PK			1.00 H	72	78.37	31.73
4	*2412.00	107.0 AV			1.00 H	72	75.27	31.73
5	4824.00	49.6 PK	74.0	-24.4	1.31 H	64	10.63	38.97
6	4824.00	40.3 AV	54.0	-13.7	1.31 H	64	1.33	38.97

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2389.20	59.3 PK	74.0	-14.7	1.22 V	11	27.65	31.65
2	2389.20	50.6 AV	54.0	-3.4	1.22 V	11	18.95	31.65
3	*2412.00	108.1 PK			1.00 V	341	76.37	31.73
4	*2412.00	105.5 AV			1.00 V	341	73.77	31.73
5	4824.00	50.9 PK	74.0	-23.1	1.00 V	64	11.93	38.97
6	4824.00	45.5 AV	54.0	-8.5	1.00 V	64	6.53	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	110.4 PK			1.00 H	71	78.59	31.81
2	*2437.00	107.4 AV			1.00 H	71	75.59	31.81
3	4874.00	49.7 PK	74.0	-24.3	1.30 H	68	10.56	39.14
4	4874.00	40.5 AV	54.0	-13.5	1.30 H	68	1.36	39.14
5	7311.00	58.6 PK	74.0	-15.4	1.67 H	11	11.97	46.63
6	7311.00	53.3 AV	54.0	-0.7	1.67 H	11	6.67	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	108.5 PK			1.00 V	342	76.69	31.81
2	*2437.00	105.8 AV			1.00 V	342	73.99	31.81
3	4874.00	49.9 PK	74.0	-24.1	1.00 V	65	10.76	39.14
4	4874.00	45.0 AV	54.0	-9.0	1.00 V	65	5.86	39.14
5	7311.00	56.1 PK	74.0	-17.9	1.22 V	115	9.47	46.63
6	7311.00	49.1 AV	54.0	-4.9	1.22 V	115	2.47	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

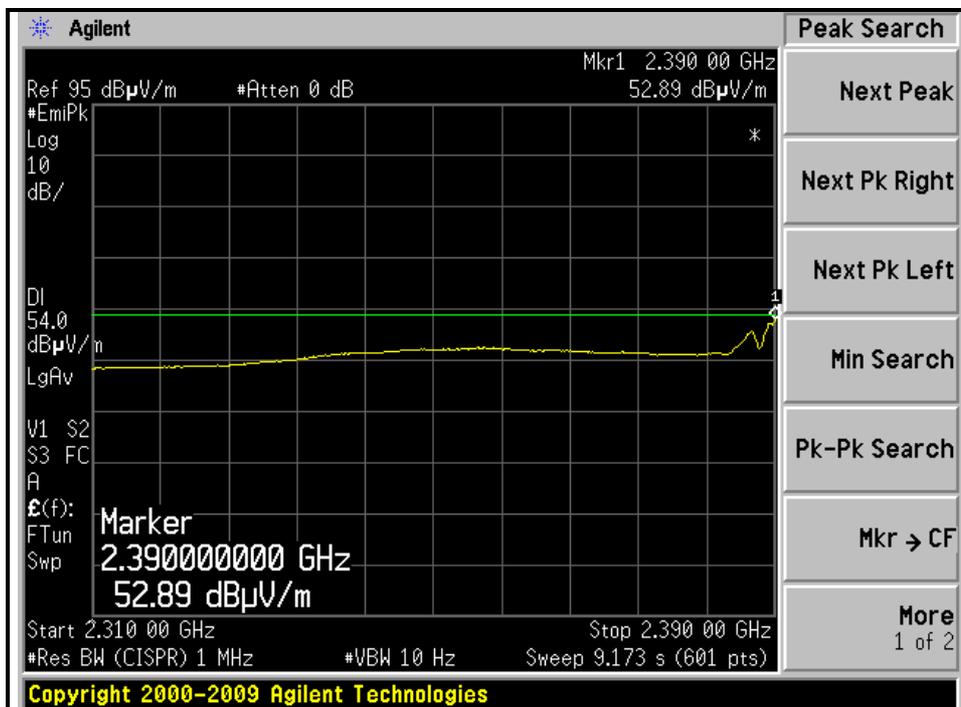
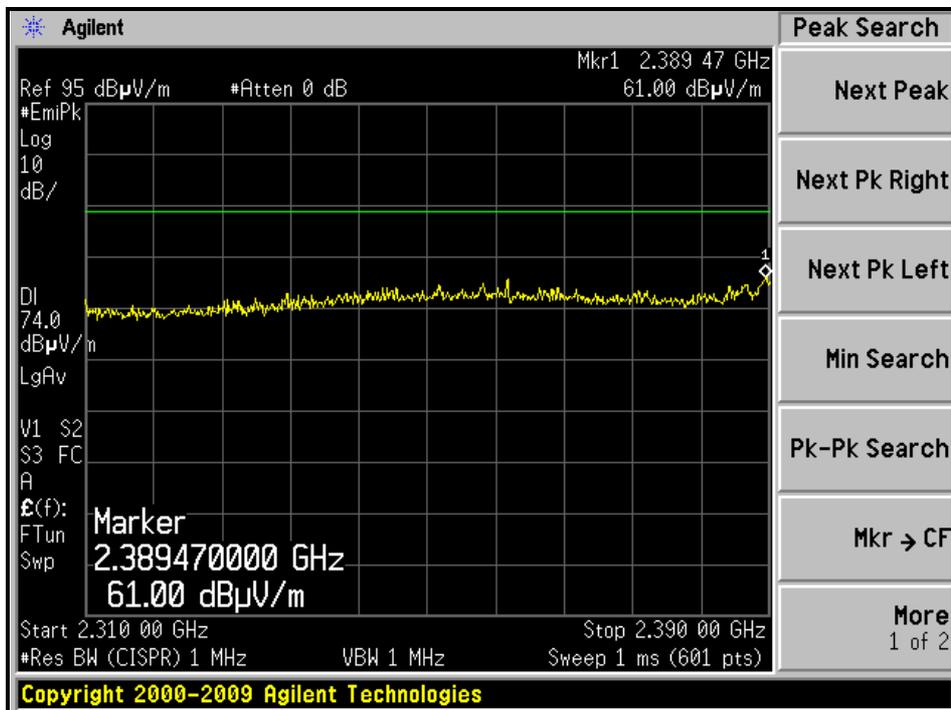
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	108.6 PK			1.00 H	69	76.71	31.89
2	*2462.00	105.3 AV			1.00 H	69	73.41	31.89
3	2483.80	61.6 PK	74.0	-12.4	1.00 H	69	29.63	31.97
4	2483.80	52.7 AV	54.0	-1.3	1.00 H	69	20.73	31.97
5	4924.00	50.0 PK	74.0	-24.0	1.30 H	67	10.69	39.31
6	4924.00	41.5 AV	54.0	-12.5	1.30 H	67	2.19	39.31
7	7386.00	58.0 PK	74.0	-16.0	1.57 H	8	11.40	46.60
8	7386.00	52.3 AV	54.0	-1.7	1.57 H	8	5.70	46.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	106.7 PK			1.00 V	20	74.81	31.89
2	*2462.00	103.6 AV			1.00 V	20	71.71	31.89
3	2483.50	60.5 PK	74.0	-13.5	1.00 V	20	28.53	31.97
4	2483.50	52.1 AV	54.0	-1.9	1.00 V	20	20.13	31.97
5	4924.00	52.0 PK	74.0	-22.0	1.00 V	64	12.69	39.31
6	4924.00	47.3 AV	54.0	-6.7	1.00 V	64	7.99	39.31
7	7386.00	57.6 PK	74.0	-16.4	1.22 V	114	11.00	46.60
8	7386.00	51.4 AV	54.0	-2.6	1.22 V	114	4.80	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.

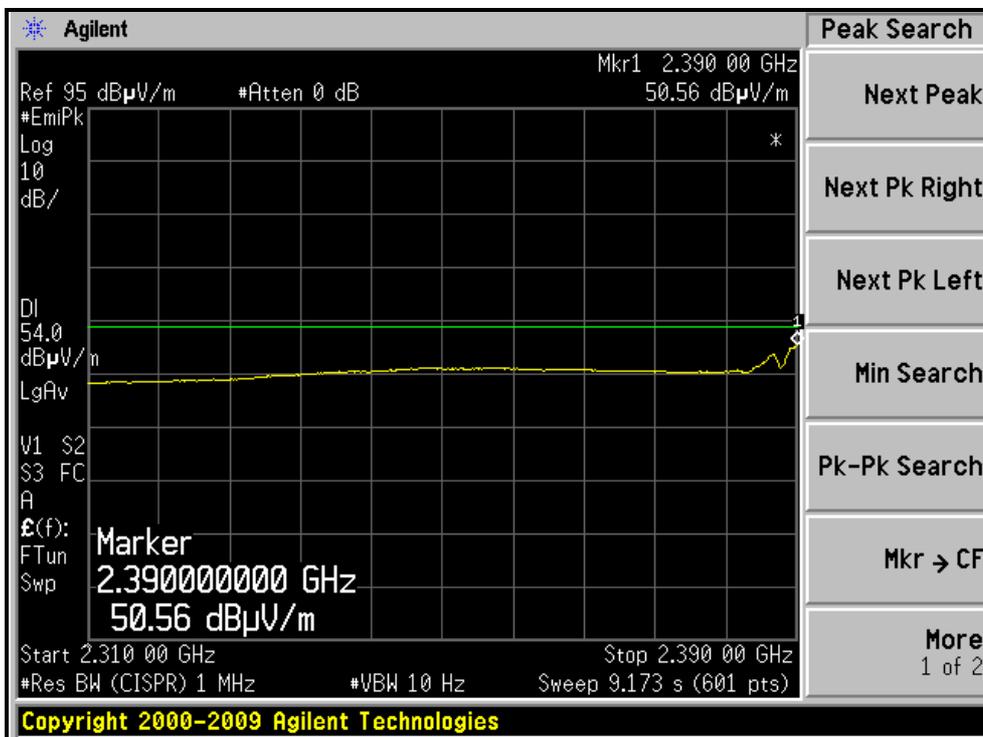
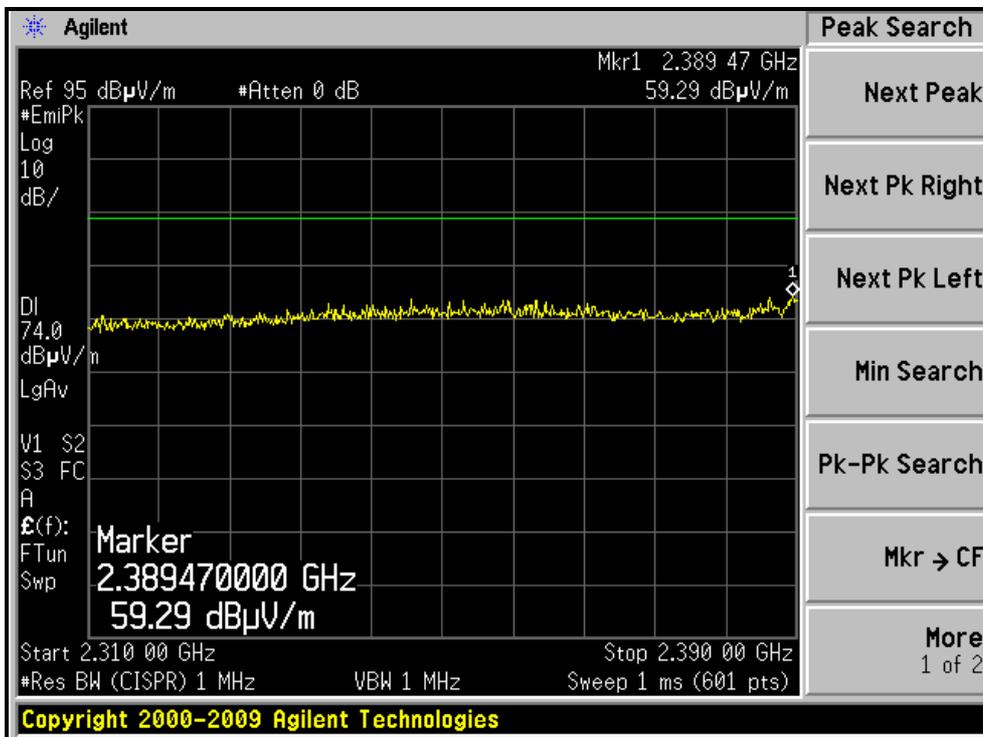
RESTRICTED BANDEDGE (802.11b MODE, CH1, HORIZONTAL)





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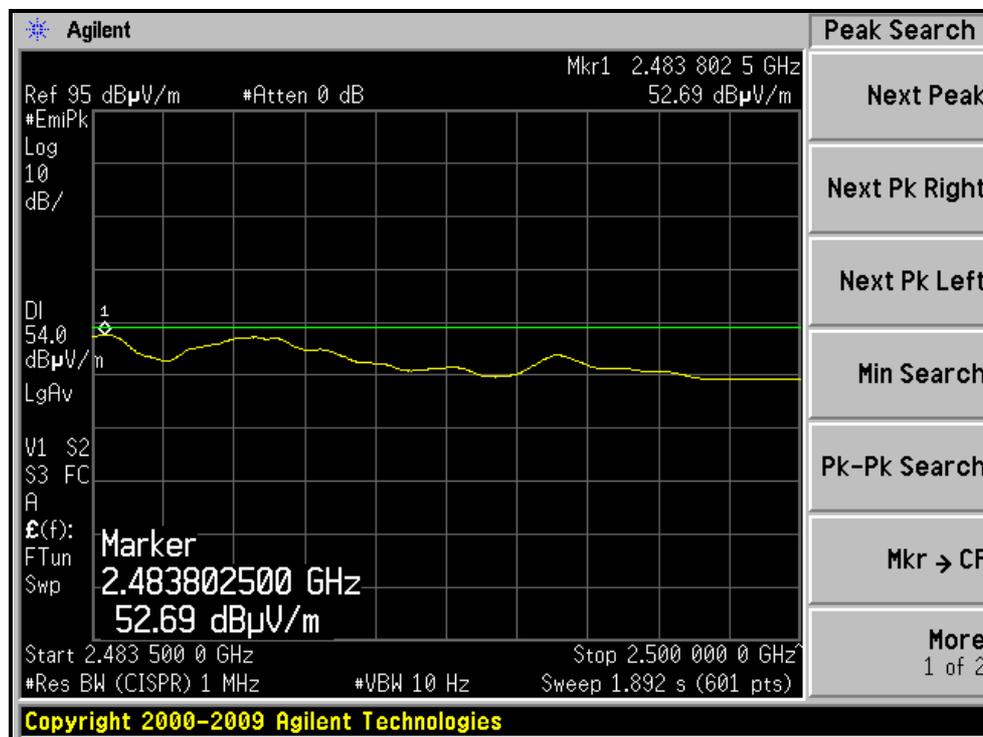
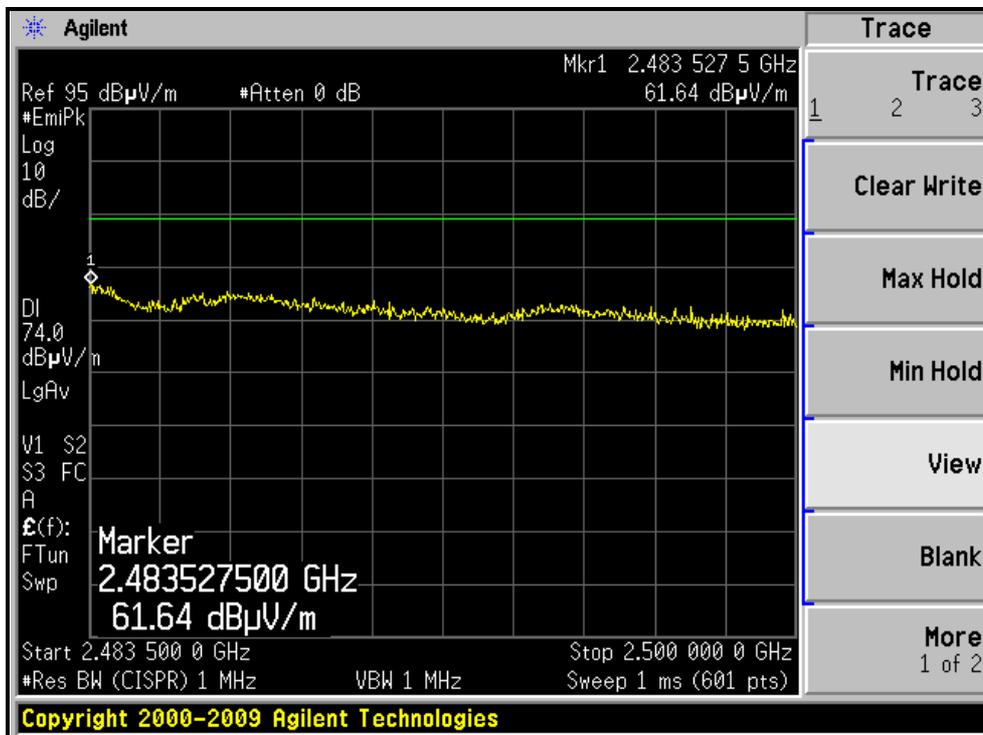
RESTRICTED BANDEDGE (802.11b MODE, CH1, VERTICAL)





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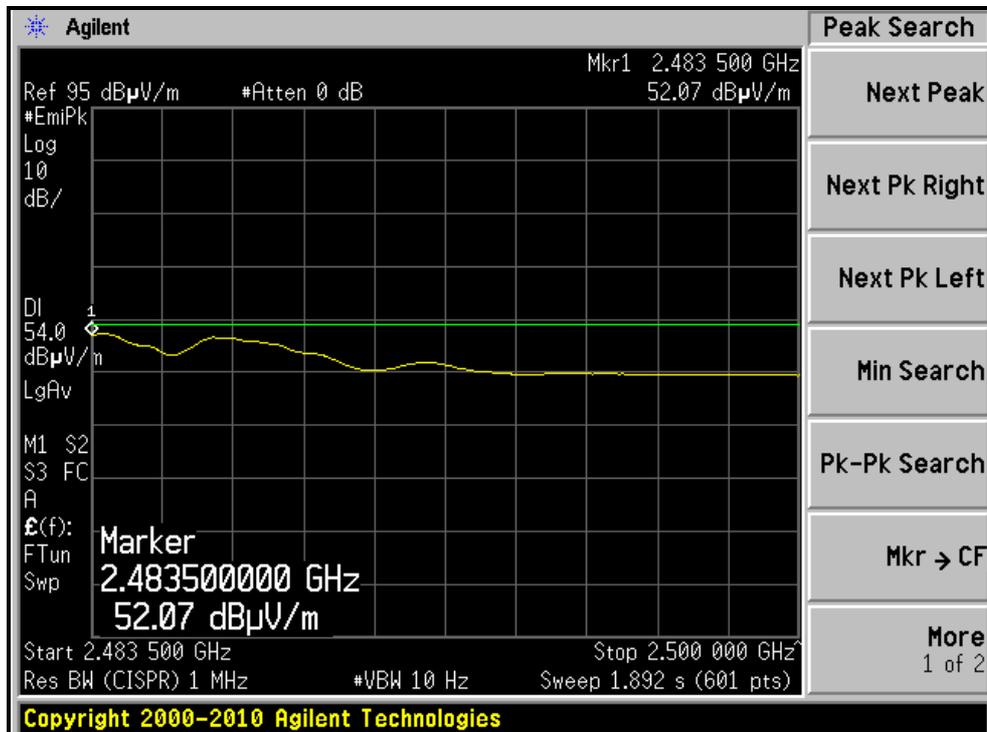
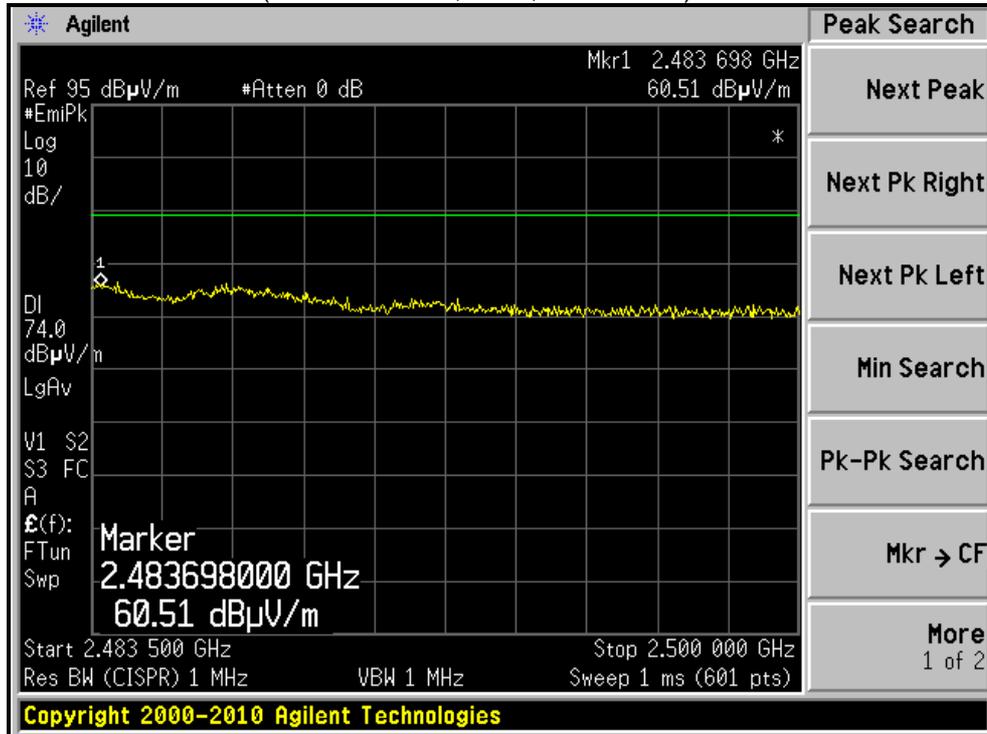
RESTRICTED BANDEDGE (802.11b MODE,CH11, HORIZONTAL)





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RESTRICTED BANDEDGE (802.11b MODE, CH11, VERTICAL)





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Single Chain(1) - 802.11g OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	67.3 PK	74.0	-6.7	1.00 H	74	35.64	31.66
2	2390.00	53.2 AV	54.0	-0.8	1.00 H	74	21.54	31.66
3	*2412.00	105.7 PK			1.00 H	74	73.97	31.73
4	*2412.00	96.3 AV			1.00 H	74	64.57	31.73
5	4824.00	46.9 PK	74.0	-27.1	1.00 H	251	7.93	38.97
6	4824.00	34.3 AV	54.0	-19.7	1.00 H	251	-4.67	38.97
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.2 PK	74.0	-5.8	1.00 V	340	36.54	31.66
2	2390.00	53.1 AV	54.0	-0.9	1.00 V	340	21.44	31.66
3	*2412.00	106.6 PK			1.00 V	341	74.87	31.73
4	*2412.00	95.3 AV			1.00 V	341	63.57	31.73
5	4824.00	47.5 PK	74.0	-26.5	1.00 V	263	8.53	38.97
6	4824.00	35.4 AV	54.0	-18.6	1.00 V	263	-3.57	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * ”: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	64.4 PK	74.0	-9.6	1.00 H	71	32.74	31.66
2	2390.00	49.9 AV	54.0	-4.1	1.00 H	71	18.24	31.66
3	*2437.00	112.4 PK			1.00 H	75	80.59	31.81
4	*2437.00	101.9 AV			1.00 H	75	70.09	31.81
5	2483.50	62.1 PK	74.0	-11.9	1.00 H	73	30.13	31.97
6	2483.50	47.0 AV	54.0	-7.0	1.00 H	73	15.03	31.97
7	4874.00	46.3 PK	74.0	-27.7	1.00 H	249	7.16	39.14
8	4874.00	34.4 AV	54.0	-19.6	1.00 H	249	-4.74	39.14
9	7311.00	57.6 PK	74.0	-16.4	1.05 H	250	10.97	46.63
10	7311.00	44.1 AV	54.0	-9.9	1.05 H	250	-2.53	46.63

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	111.2 PK			1.00 V	340	79.39	31.81
2	*2437.00	100.9 AV			1.00 V	340	69.09	31.81
3	4874.00	47.4 PK	74.0	-26.6	1.01 V	241	8.26	39.14
4	4874.00	35.4 AV	54.0	-18.6	1.01 V	241	-3.74	39.14
5	7311.00	58.7 PK	74.0	-15.3	1.24 V	113	12.07	46.63
6	7311.00	45.3 AV	54.0	-8.7	1.24 V	113	-1.33	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

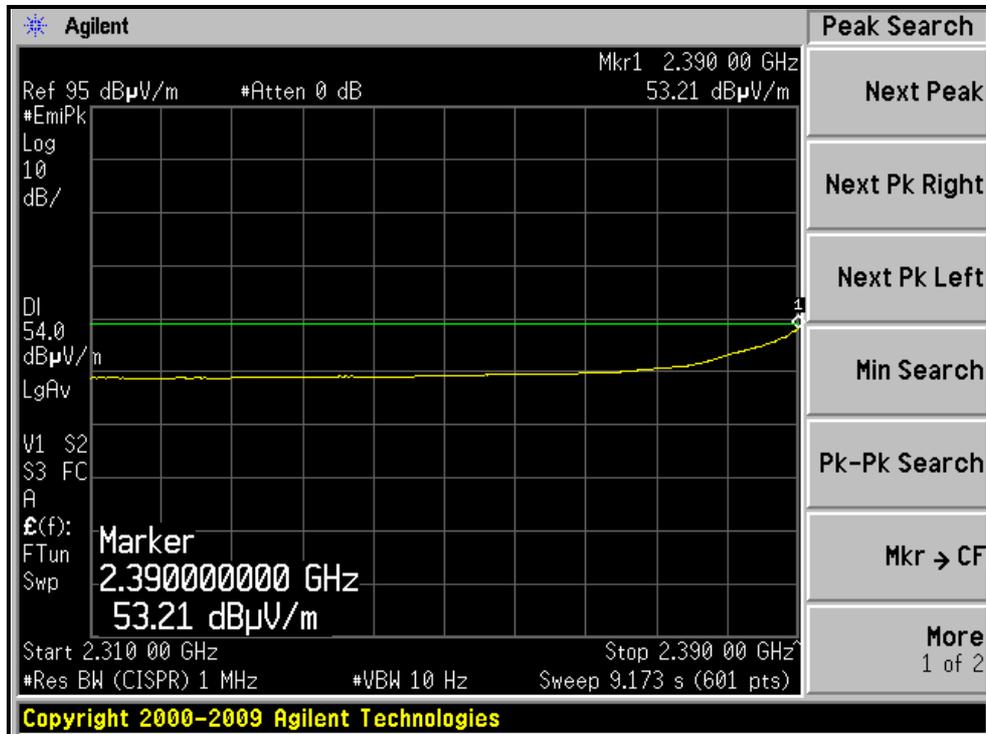
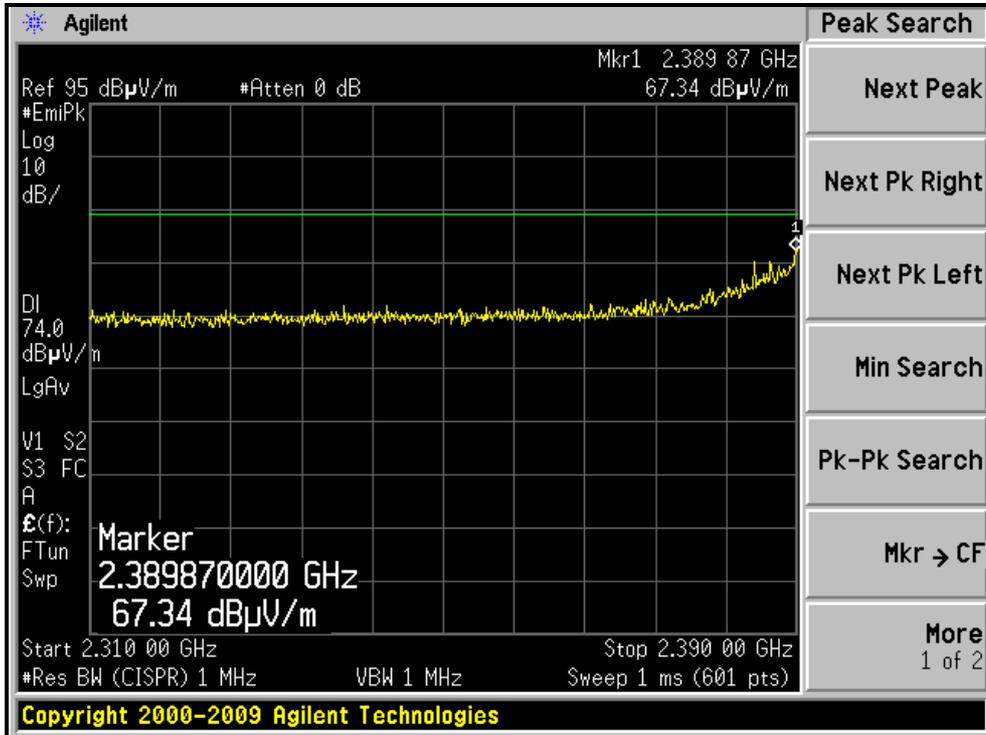
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	105.9 PK			1.00 H	73	74.01	31.89
2	*2462.00	95.1 AV			1.00 H	73	63.21	31.89
3	2483.50	69.2 PK	74.0	-4.8	1.00 H	73	37.23	31.97
4	2483.50	53.4 AV	54.0	-0.6	1.00 H	73	21.43	31.97
5	4924.00	46.2 PK	74.0	-27.8	1.00 H	251	6.89	39.31
6	4924.00	34.6 AV	54.0	-19.4	1.00 H	251	-4.71	39.31
7	7386.00	50.1 PK	74.0	-23.9	1.01 H	261	3.50	46.60
8	7386.00	38.6 AV	54.0	-15.4	1.01 H	261	-8.00	46.60

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

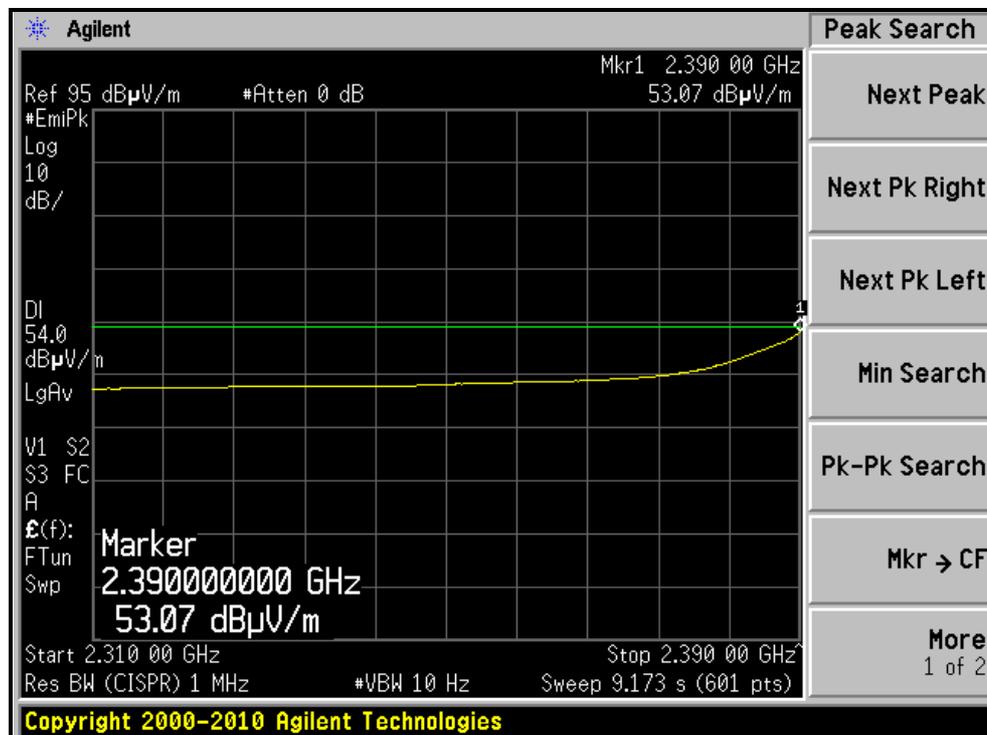
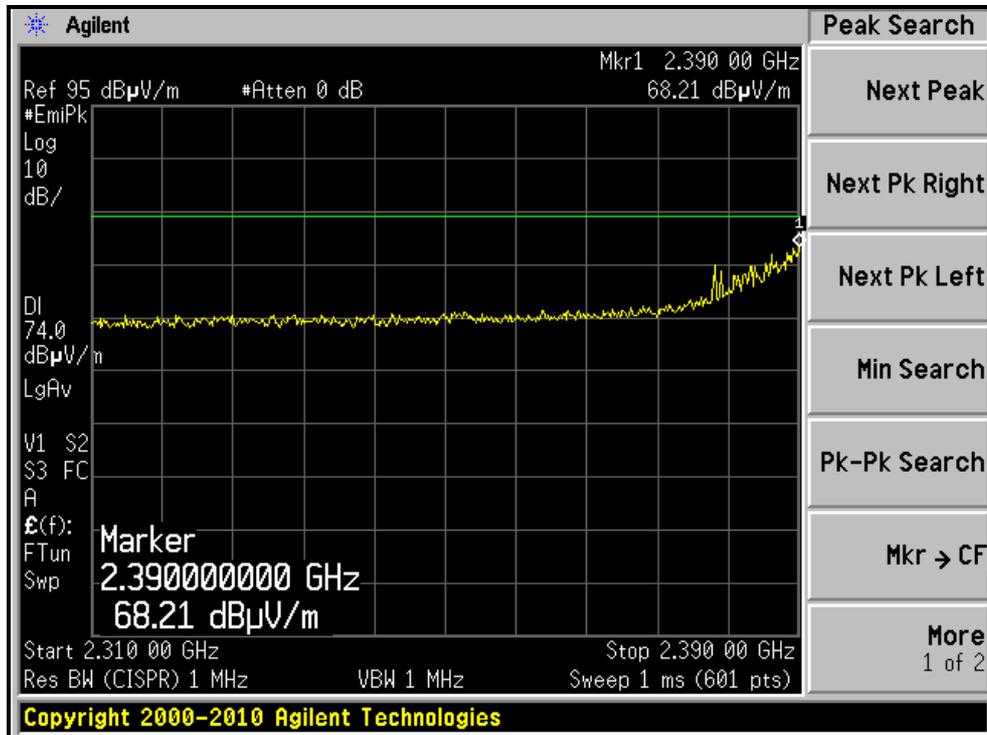
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	106.0 PK			1.22 V	11	74.11	31.89
2	*2462.00	95.5 AV			1.22 V	11	63.61	31.89
3	2483.50	67.8 PK	74.0	-6.2	1.18 V	11	35.83	31.97
4	2483.50	53.1 AV	54.0	-0.9	1.18 V	11	21.13	31.97
5	4924.00	47.0 PK	74.0	-27.0	1.05 V	243	7.69	39.31
6	4924.00	35.1 AV	54.0	-18.9	1.05 V	243	-4.21	39.31
7	7386.00	51.8 PK	74.0	-22.2	1.24 V	112	5.20	46.60
8	7386.00	39.8 AV	54.0	-14.2	1.24 V	112	-6.80	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.

RESTRICTED BANDEDGE (802.11g MODE, CH1, HORIZONTAL)



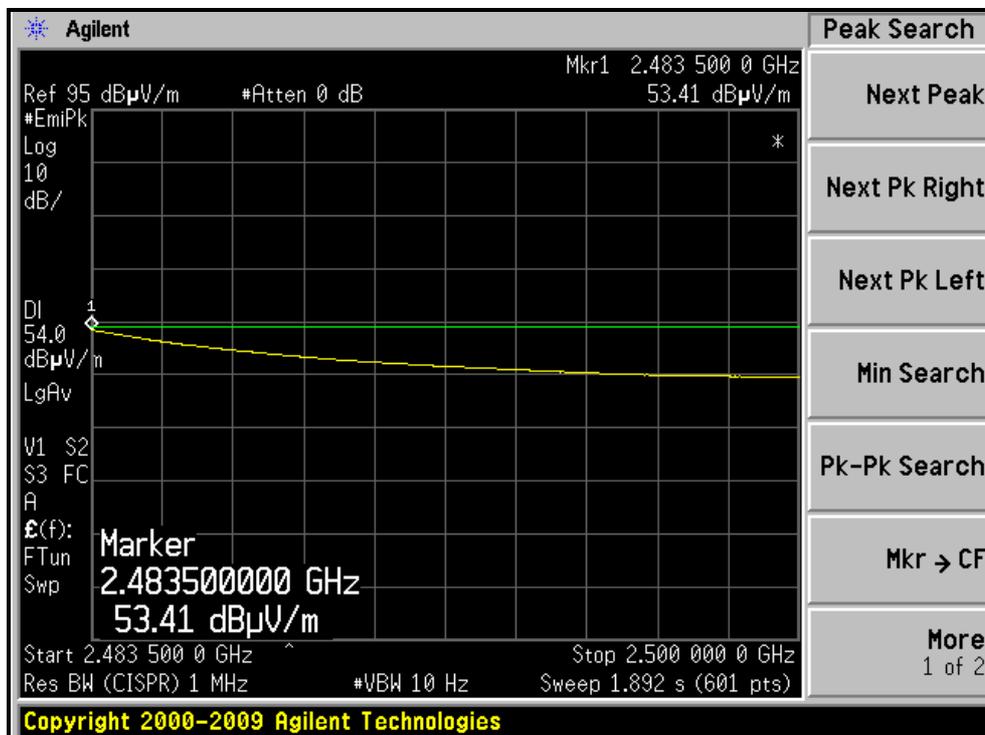
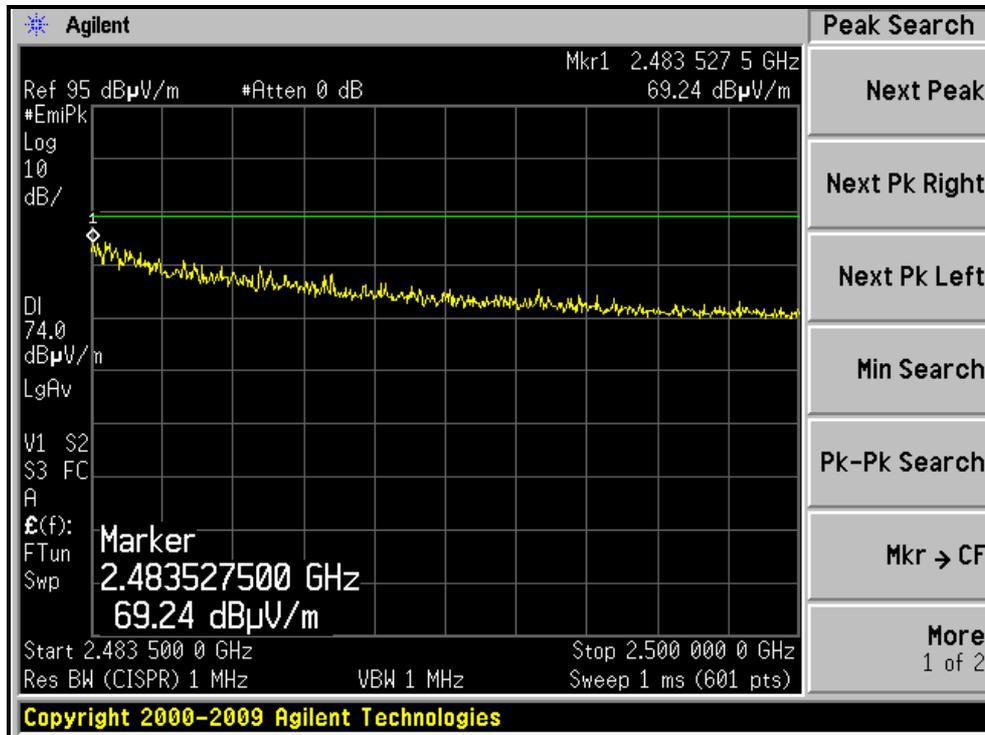
RESTRICTED BANDEDGE (802.11g MODE, CH1, VERTICAL)



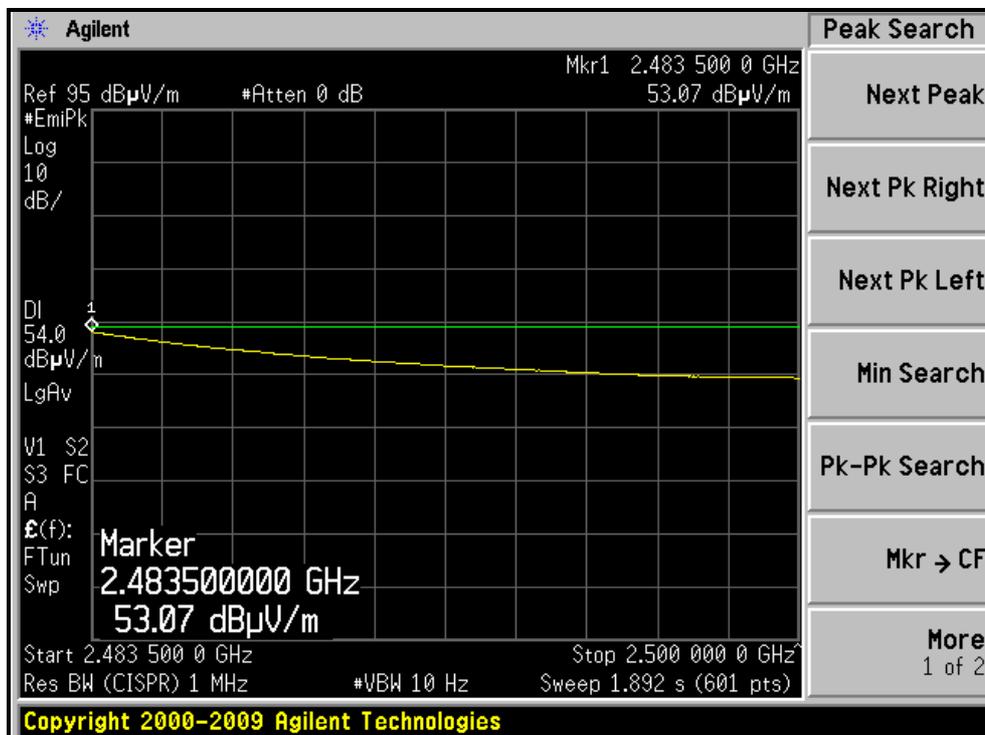
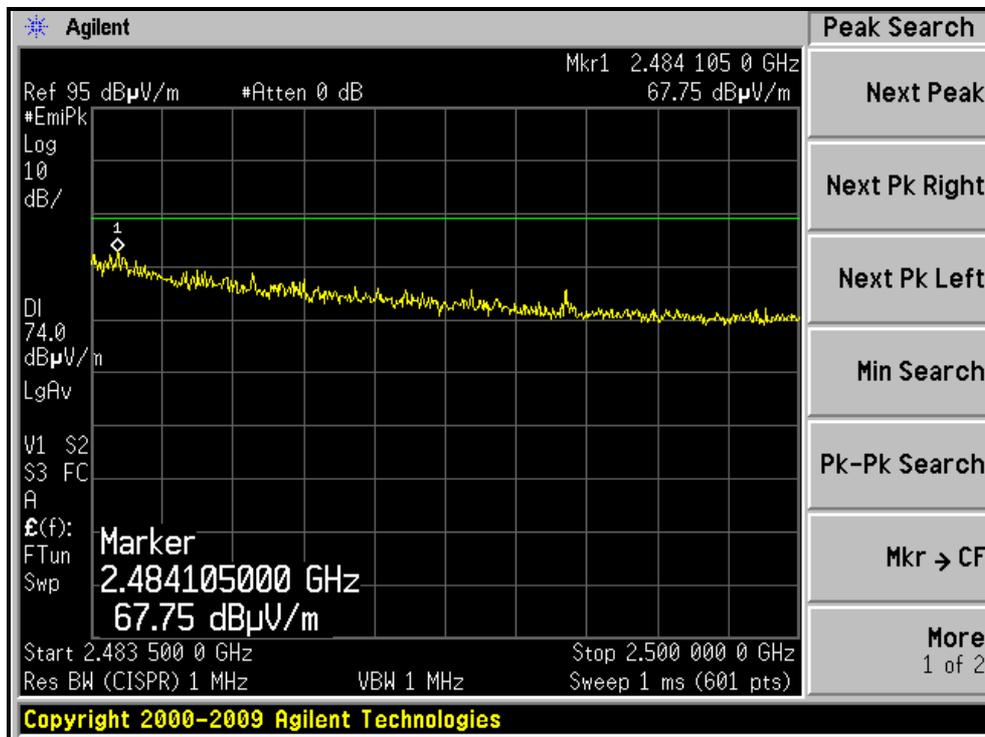


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RESTRICTED BANDEDGE (802.11g MODE, CH11, HORIZONTAL)



RESTRICTED BANDEDGE (802.11g MODE, CH11, VERTICAL)





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Single Chain(1) - 802.11n (20MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.9 PK	74.0	-5.1	1.00 H	73	37.24	31.66
2	2390.00	53.4 AV	54.0	-0.6	1.00 H	73	21.74	31.66
3	*2412.00	106.1 PK			1.00 H	74	74.37	31.73
4	*2412.00	95.5 AV			1.00 H	74	63.77	31.73
5	4824.00	46.6 PK	74.0	-27.4	1.00 H	242	7.63	38.97
6	4824.00	34.3 AV	54.0	-19.7	1.00 H	242	-4.67	38.97
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.2 PK	74.0	-7.8	1.00 V	349	34.54	31.66
2	2390.00	52.2 AV	54.0	-1.8	1.00 V	349	20.54	31.66
3	*2412.00	104.9 PK			1.00 V	342	73.17	31.73
4	*2412.00	94.1 AV			1.00 V	342	62.37	31.73
5	4824.00	47.2 PK	74.0	-26.8	1.01 V	231	8.23	38.97
6	4824.00	35.0 AV	54.0	-19.0	1.01 V	231	-3.97	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	63.7 PK	74.0	-10.3	1.00 H	72	32.04	31.66
2	2390.00	50.1 AV	54.0	-3.9	1.00 H	72	18.44	31.66
3	*2437.00	111.7 PK			1.00 H	72	79.89	31.81
4	*2437.00	101.5 AV			1.00 H	72	69.69	31.81
5	2483.50	61.1 PK	74.0	-12.9	1.00 H	74	29.13	31.97
6	2483.50	46.6 AV	54.0	-7.4	1.00 H	74	14.63	31.97
7	4874.00	45.8 PK	74.0	-28.2	1.06 H	251	6.66	39.14
8	4874.00	34.1 AV	54.0	-19.9	1.06 H	251	-5.04	39.14
9	7311.00	57.4 PK	74.0	-16.6	1.10 H	239	10.77	46.63
10	7311.00	44.1 AV	54.0	-9.9	1.10 H	239	-2.53	46.63

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	110.1 PK			1.00 V	340	78.29	31.81
2	*2437.00	100.3 AV			1.00 V	340	68.49	31.81
3	4874.00	47.7 PK	74.0	-26.3	1.00 V	228	8.56	39.14
4	4874.00	35.4 AV	54.0	-18.6	1.00 V	228	-3.74	39.14
5	7311.00	59.2 PK	74.0	-14.8	1.26 V	102	12.57	46.63
6	7311.00	45.5 AV	54.0	-8.5	1.26 V	102	-1.13	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

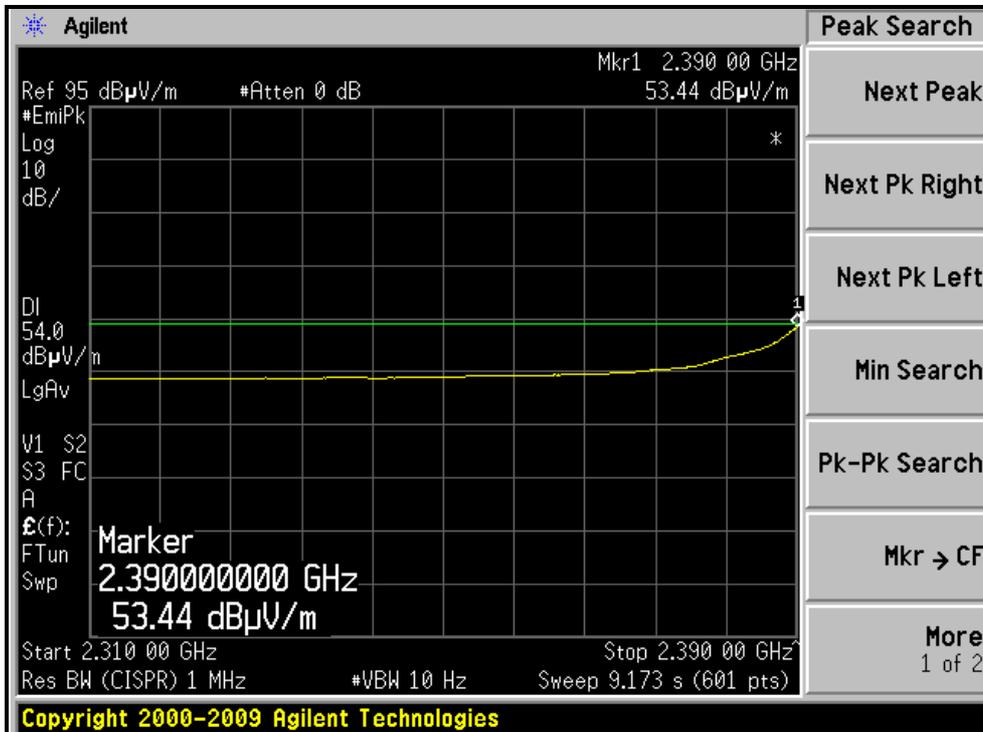
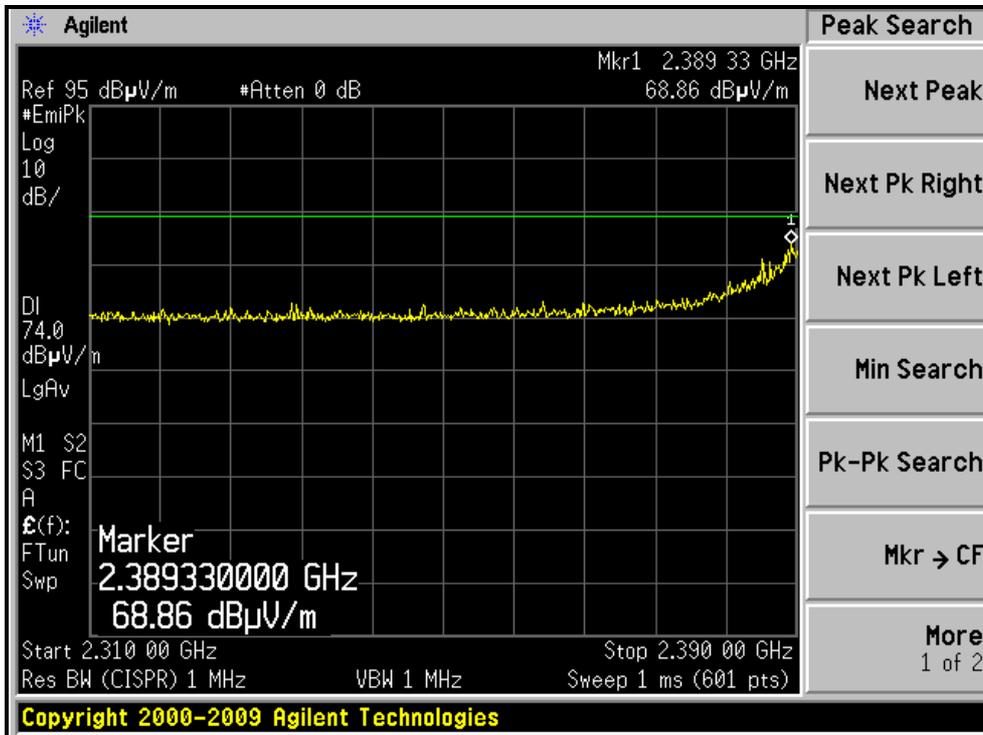
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NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.5 PK			1.00 H	73	72.61	31.89
2	*2462.00	94.2 AV			1.00 H	73	62.31	31.89
3	2483.50	67.7 PK	74.0	-6.3	1.00 H	73	35.73	31.97
4	2483.50	53.1 AV	54.0	-0.9	1.00 H	73	21.13	31.97
5	4924.00	46.5 PK	74.0	-27.5	1.00 H	247	7.19	39.31
6	4924.00	34.7 AV	54.0	-19.3	1.00 H	247	-4.61	39.31
7	7386.00	49.9 PK	74.0	-24.1	1.07 H	259	3.30	46.60
8	7386.00	38.7 AV	54.0	-15.3	1.07 H	259	-7.90	46.60
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	104.6 PK			1.23 V	9	72.71	31.89
2	*2462.00	94.9 AV			1.23 V	9	63.01	31.89
3	2483.50	67.9 PK	74.0	-6.1	1.21 V	10	35.93	31.97
4	2483.50	53.5 AV	54.0	-0.5	1.21 V	10	21.53	31.97
5	4924.00	46.6 PK	74.0	-27.4	1.09 V	240	7.29	39.31
6	4924.00	34.9 AV	54.0	-19.1	1.09 V	240	-4.41	39.31
7	7386.00	51.4 PK	74.0	-22.6	1.29 V	100	4.80	46.60
8	7386.00	39.6 AV	54.0	-14.4	1.29 V	100	-7.00	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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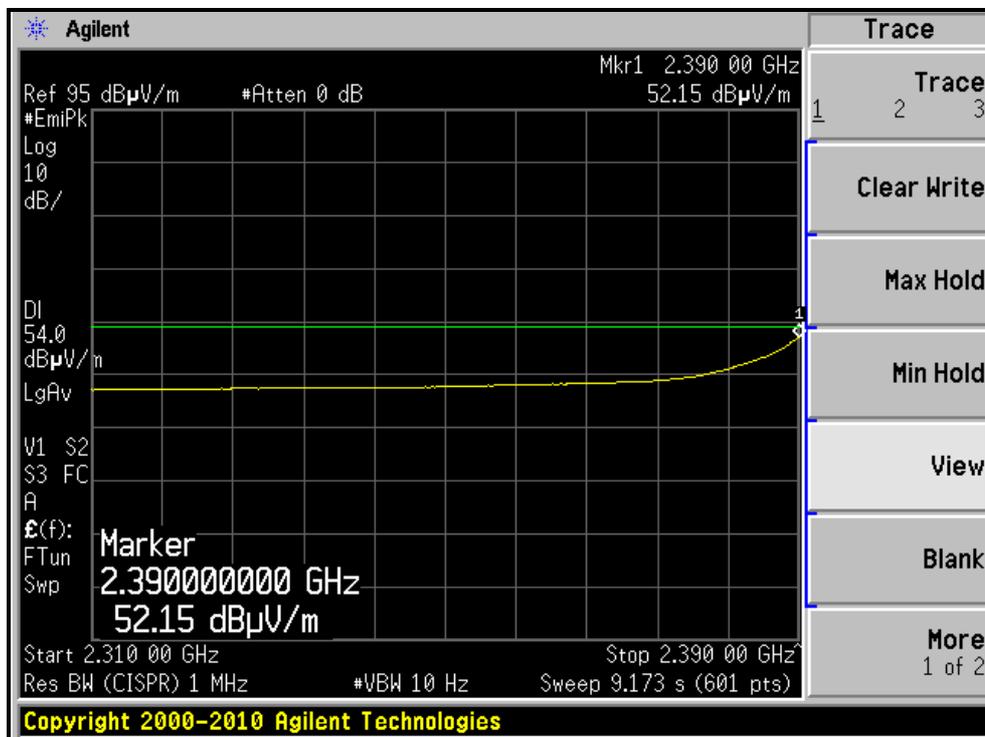
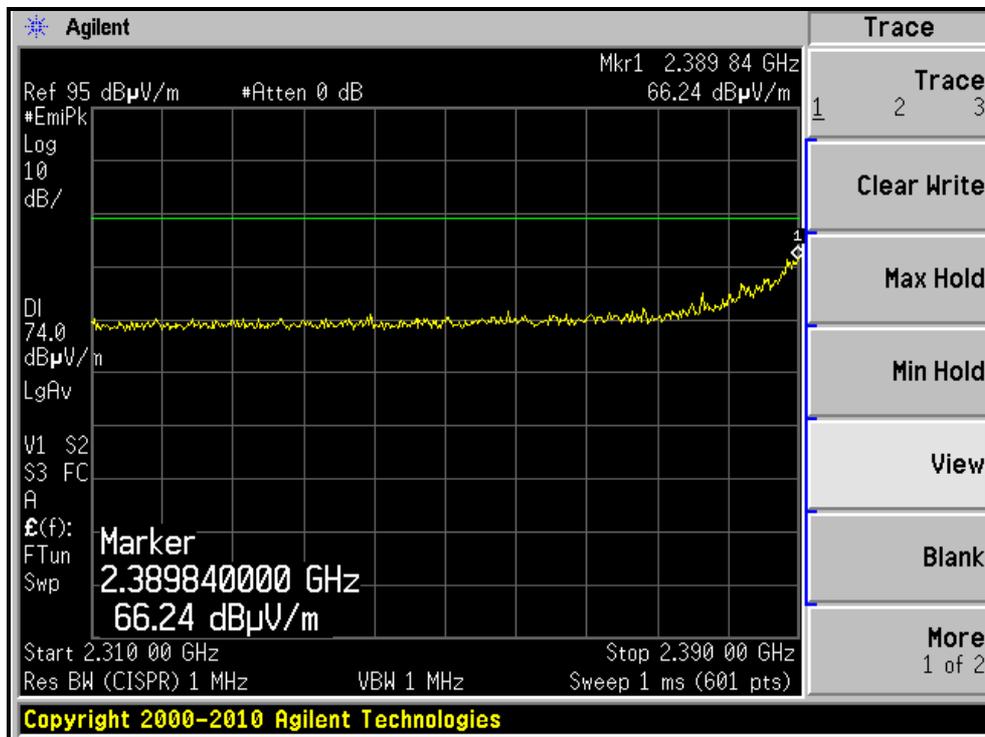
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, HORIZONTAL)





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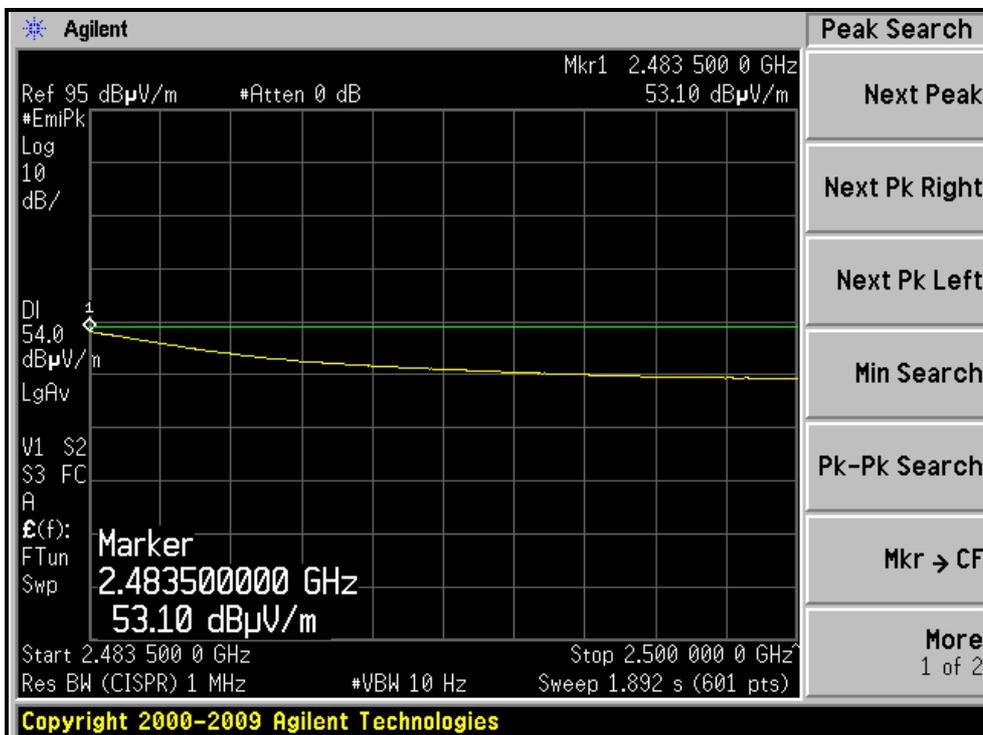
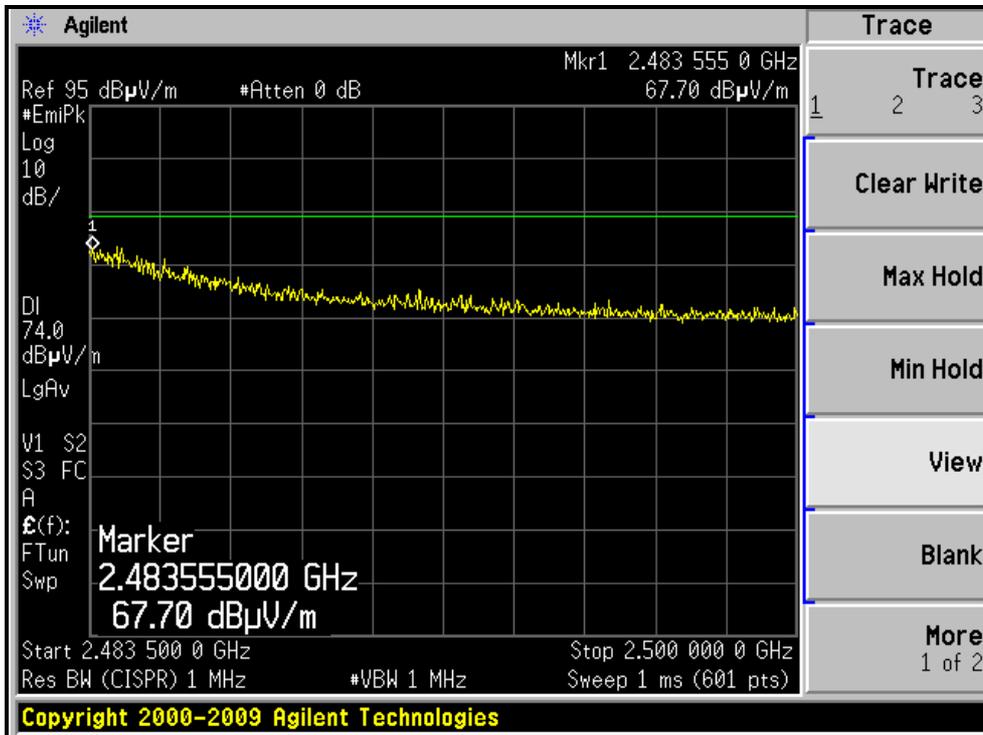
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, VERTICAL)



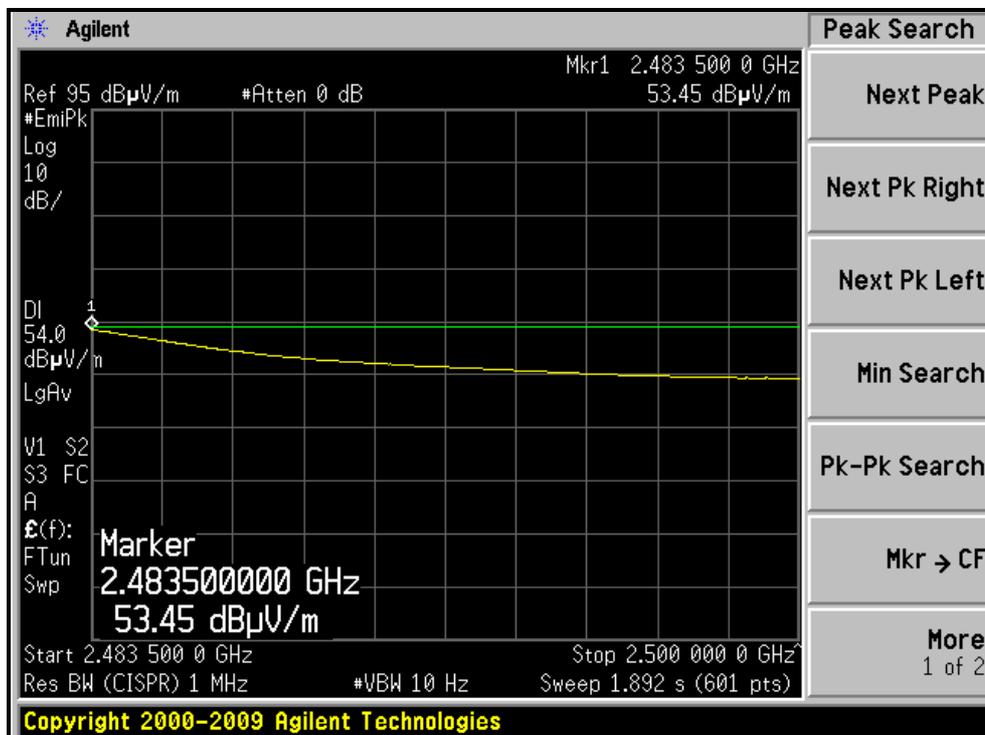
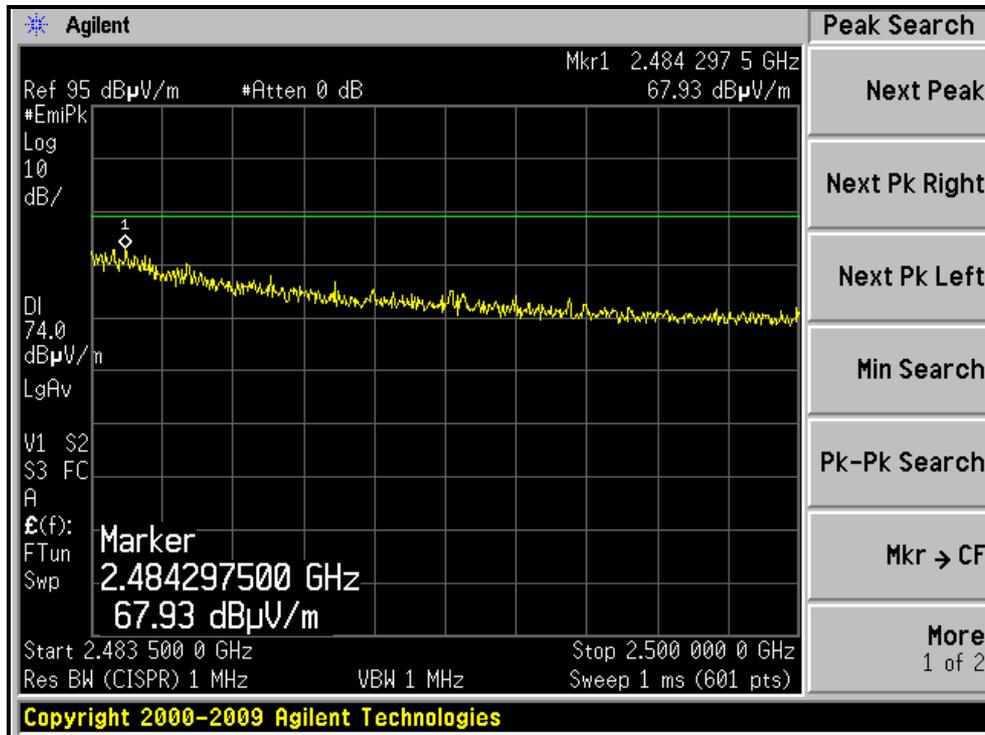


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RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, HORIZONTAL)



RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, VERTICAL)



Single Chain(1) - 802.11n (40MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 3	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.8 PK	74.0	-7.2	1.00 H	72	35.14	31.66
2	2390.00	53.4 AV	54.0	-0.6	1.00 H	72	21.74	31.66
3	*2422.00	99.7 PK			1.00 H	75	67.94	31.76
4	*2422.00	89.3 AV			1.00 H	75	57.54	31.76
5	4844.00	46.6 PK	74.0	-27.4	1.07 H	174	7.56	39.04
6	4844.00	34.0 AV	54.0	-20.0	1.07 H	174	-5.04	39.04
7	7266.00	52.9 PK	74.0	-21.1	1.02 H	263	6.23	46.67
8	7266.00	40.1 AV	54.0	-13.9	1.02 H	263	-6.57	46.67
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	61.9 PK	74.0	-12.1	1.00 V	332	30.24	31.66
2	2390.00	49.0 AV	54.0	-5.0	1.00 V	332	17.34	31.66
3	*2422.00	96.0 PK			1.00 V	335	64.24	31.76
4	*2422.00	83.0 AV			1.00 V	335	51.24	31.76
5	4844.00	47.7 PK	74.0	-26.3	1.01 V	236	8.66	39.04
6	4844.00	34.5 AV	54.0	-19.5	1.01 V	236	-4.54	39.04
7	7266.00	51.1 PK	74.0	-22.9	1.00 V	245	4.43	46.67
8	7266.00	39.2 AV	54.0	-14.8	1.00 V	245	-7.47	46.67

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	71.1 PK	74.0	-2.9	1.00 H	71	39.44	31.66
2	2390.00	53.2 AV	54.0	-0.8	1.00 H	71	21.54	31.66
3	*2437.00	103.6 PK			1.00 H	75	71.79	31.81
4	*2437.00	93.3 AV			1.00 H	75	61.49	31.81
5	2483.50	60.9 PK	74.0	-13.1	1.00 H	71	28.93	31.97
6	2483.50	46.3 AV	54.0	-7.7	1.00 H	71	14.33	31.97
7	4874.00	47.2 PK	74.0	-26.8	1.03 H	241	8.06	39.14
8	4874.00	35.9 AV	54.0	-18.1	1.03 H	241	-3.24	39.14
9	7311.00	53.8 PK	74.0	-20.2	1.11 H	290	7.17	46.63
10	7311.00	41.3 AV	54.0	-12.7	1.11 H	290	-5.33	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.7 PK	74.0	-7.3	1.00 V	330	35.04	31.66
2	2390.00	49.2 AV	54.0	-4.8	1.00 V	330	17.54	31.66
3	*2437.00	100.4 PK			1.00 V	337	68.59	31.81
4	*2437.00	87.3 AV			1.00 V	337	55.49	31.81
5	2483.50	68.1 PK	74.0	-5.9	1.00 V	342	36.13	31.97
6	2483.50	49.7 AV	54.0	-4.3	1.00 V	342	17.73	31.97
7	4874.00	47.3 PK	74.0	-26.7	1.01 V	241	8.16	39.14
8	4874.00	35.2 AV	54.0	-18.8	1.01 V	241	-3.94	39.14
9	7311.00	51.1 PK	74.0	-22.9	1.00 V	239	4.47	46.63
10	7311.00	39.0 AV	54.0	-15.0	1.00 V	239	-7.63	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 9	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	103.2 PK			1.00 H	72	71.34	31.86
2	*2452.00	92.2 AV			1.00 H	72	60.34	31.86
3	2483.50	70.6 PK	74.0	-3.4	1.00 H	72	38.63	31.97
4	2483.50	53.0 AV	54.0	-1.0	1.00 H	72	21.03	31.97
5	4904.00	46.6 PK	74.0	-27.4	1.07 H	268	7.36	39.24
6	4904.00	34.7 AV	54.0	-19.3	1.07 H	268	-4.54	39.24
7	7356.00	54.6 PK	74.0	-19.4	1.04 H	286	7.99	46.61
8	7356.00	41.6 AV	54.0	-12.4	1.04 H	286	-5.01	46.61

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

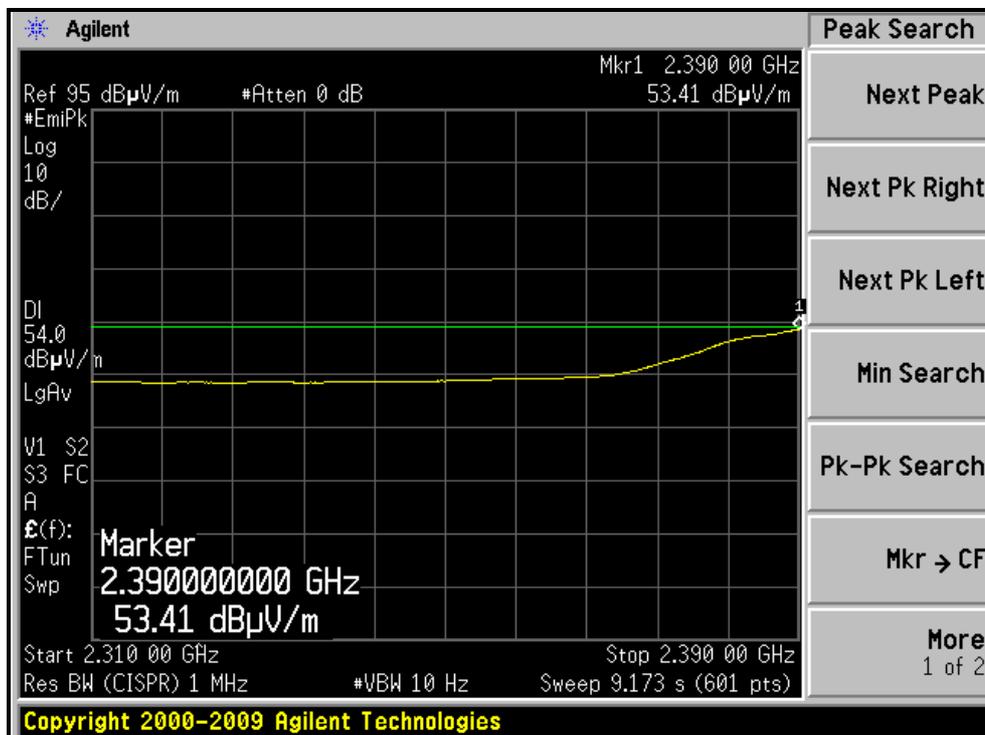
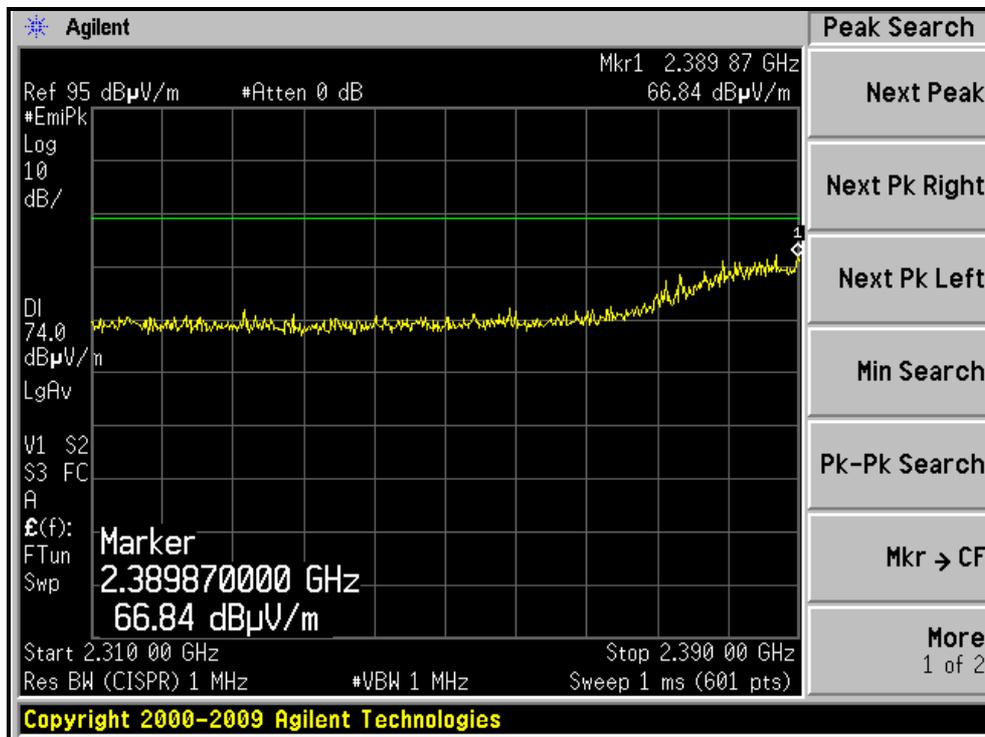
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1	*2452.00	103.5 PK			1.24 V	10	71.64	31.86
2	*2452.00	92.2 AV			1.24 V	10	60.34	31.86
3	2483.50	71.5 PK	74.0	-2.5	1.18 V	10	39.53	31.97
4	2483.50	53.3 AV	54.0	-0.7	1.18 V	10	21.33	31.97
5	4904.00	48.5 PK	74.0	-25.5	1.01 V	250	9.26	39.24
6	4904.00	34.9 AV	54.0	-19.1	1.01 V	250	-4.34	39.24
7	7356.00	51.6 PK	74.0	-22.4	1.05 V	238	4.99	46.61
8	7356.00	39.4 AV	54.0	-14.6	1.05 V	238	-7.21	46.61

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.

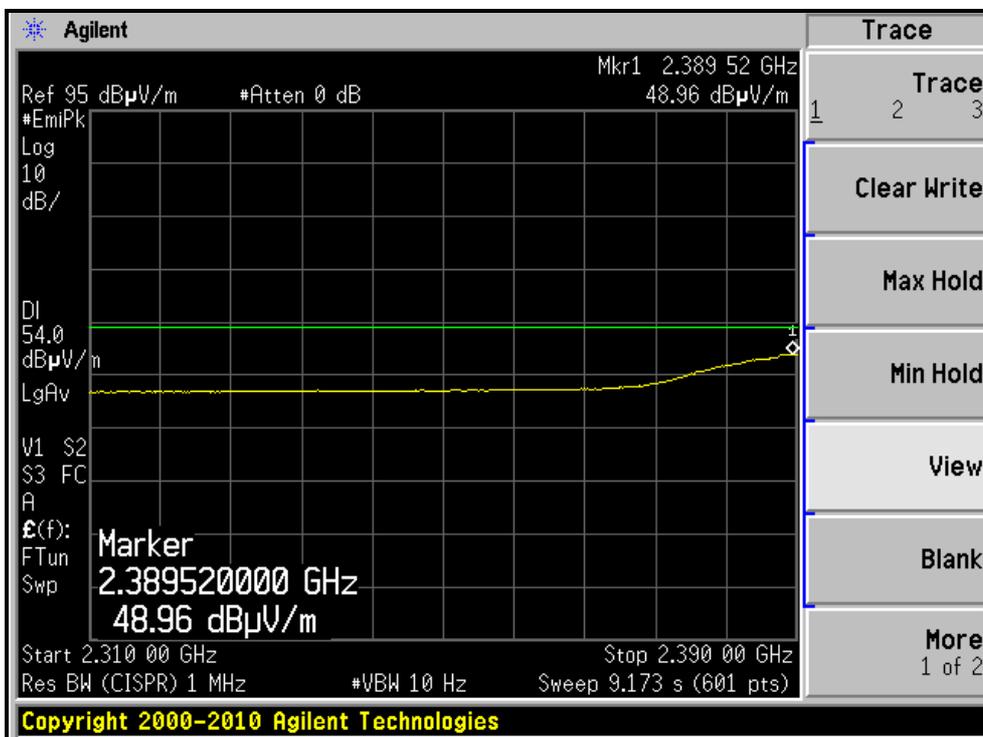
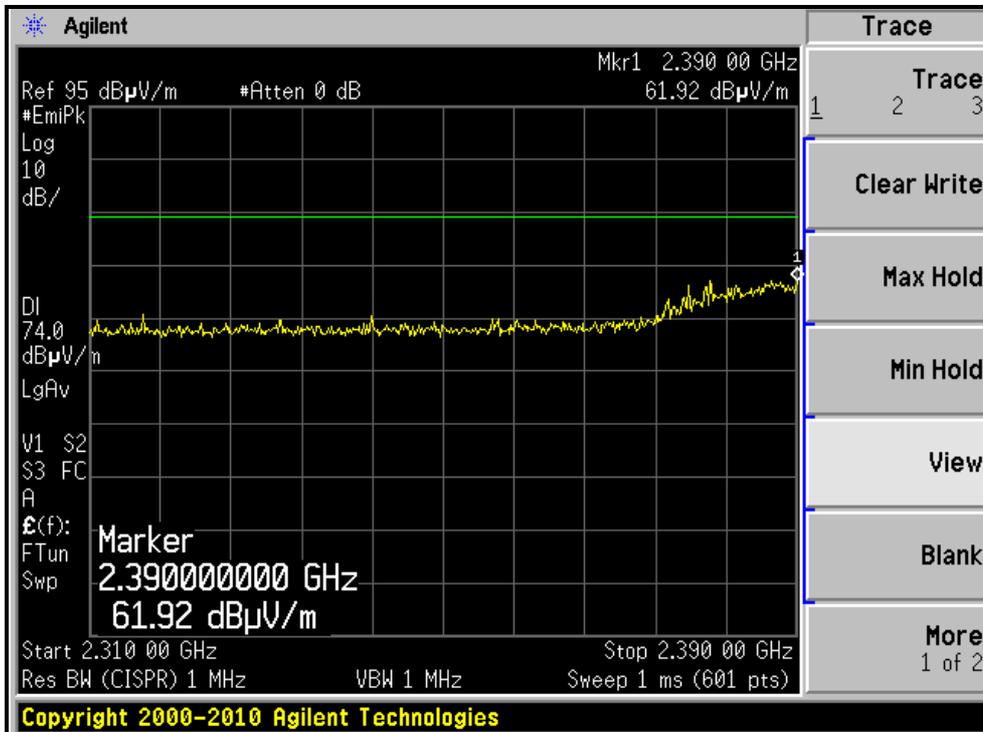


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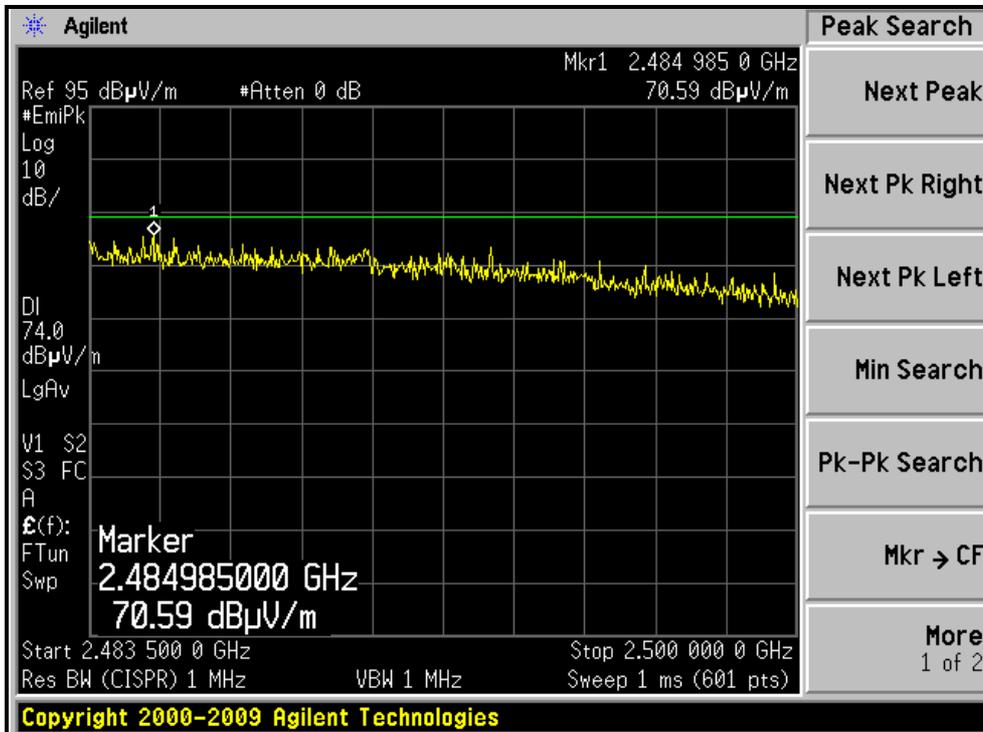
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, HORIZONTAL)



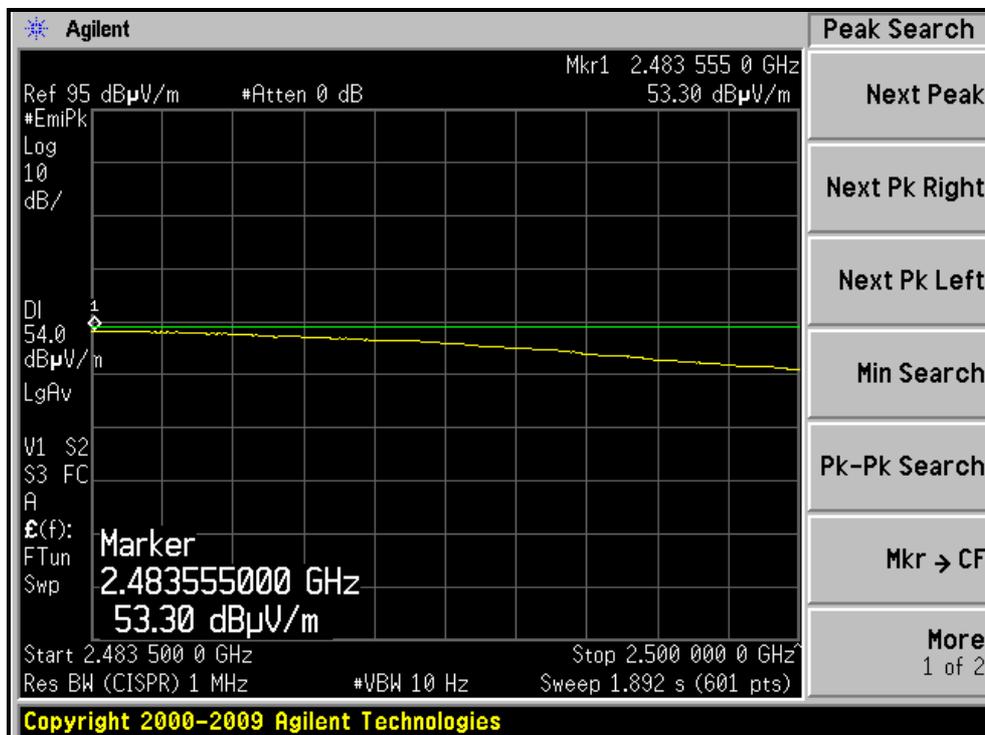
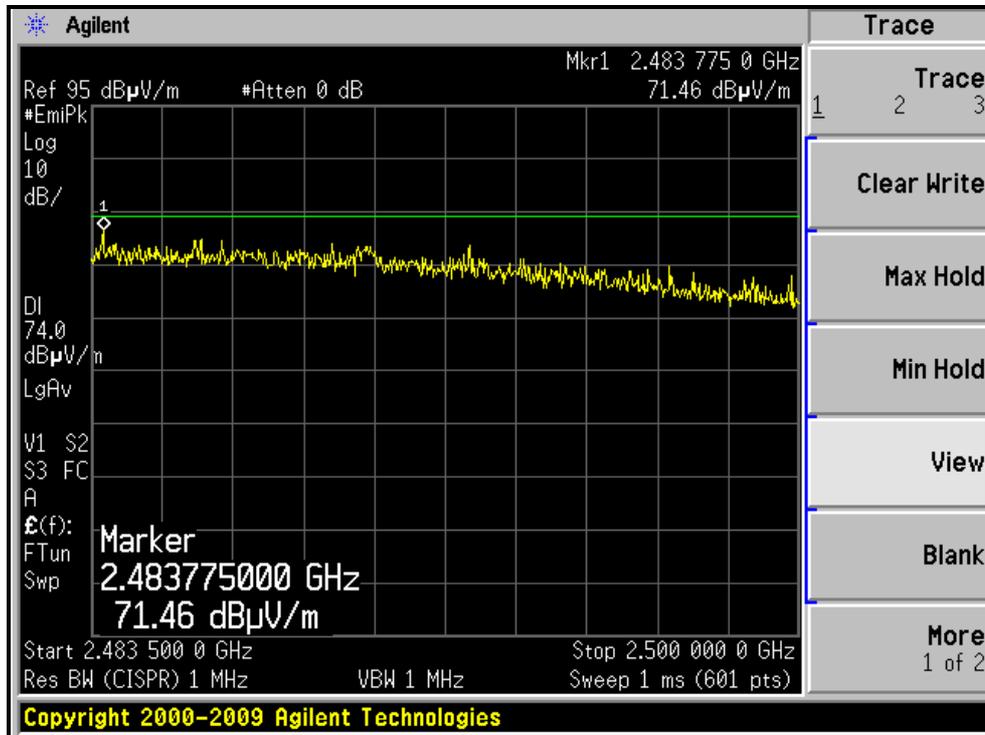
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, VERTICAL)



RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, HORIZONTAL)



RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, VERTICAL)





A D T

ABOVE 1GHz WORST-CASE DATA

Multiple chain - 802.11n (20MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 1	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	66.5 PK	74.0	-7.5	1.11 H	149	34.84	31.66
2	2390.00	52.9 AV	54.0	-1.1	1.11 H	149	21.24	31.66
3	*2412.00	107.2 PK			1.09 H	176	75.47	31.73
4	*2412.00	96.4 AV			1.09 H	176	64.67	31.73
5	4824.00	48.9 PK	74.0	-25.1	1.24 H	69	9.93	38.97
6	4824.00	37.1 AV	54.0	-16.9	1.24 H	69	-1.87	38.97
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	69.5 PK	74.0	-4.5	1.00 V	13	37.84	31.66
2	2390.00	53.4 AV	54.0	-0.6	1.00 V	13	21.74	31.66
3	*2412.00	111.0 PK			1.00 V	13	79.27	31.73
4	*2412.00	97.2 AV			1.00 V	13	65.47	31.73
5	4824.00	50.1 PK	74.0	-23.9	1.02 V	265	11.13	38.97
6	4824.00	37.3 AV	54.0	-16.7	1.02 V	265	-1.67	38.97

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	109.0 PK			1.09 H	177	77.19	31.81
2	*2437.00	97.5 AV			1.09 H	177	65.69	31.81
3	4874.00	46.3 PK	74.0	-27.7	1.00 H	253	7.16	39.14
4	4874.00	34.3 AV	54.0	-19.7	1.00 H	253	-4.84	39.14
5	7311.00	57.3 PK	74.0	-16.7	1.08 H	247	10.67	46.63
6	7311.00	43.9 AV	54.0	-10.1	1.08 H	247	-2.73	46.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2437.00	112.5 PK			1.00 V	339	80.69	31.81
2	*2437.00	98.8 AV			1.00 V	339	66.99	31.81
3	4874.00	47.2 PK	74.0	-26.8	1.06 V	248	8.06	39.14
4	4874.00	35.2 AV	54.0	-18.8	1.06 V	248	-3.94	39.14
5	7311.00	58.3 PK	74.0	-15.7	1.28 V	113	11.67	46.63
6	7311.00	45.2 AV	54.0	-8.8	1.28 V	113	-1.43	46.63

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 11	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

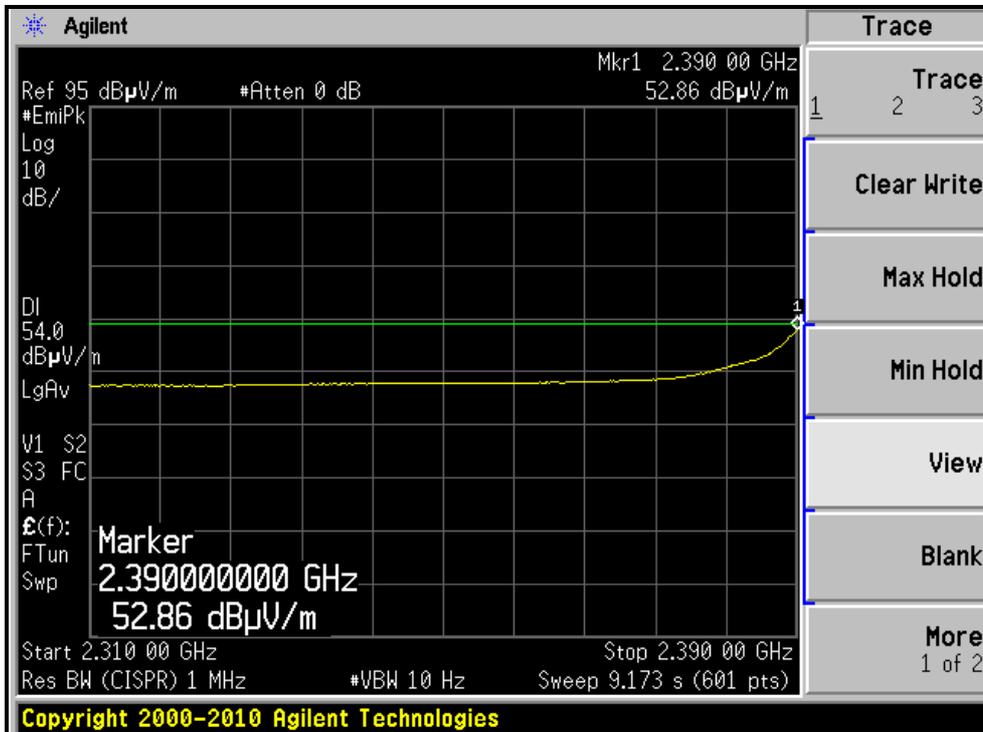
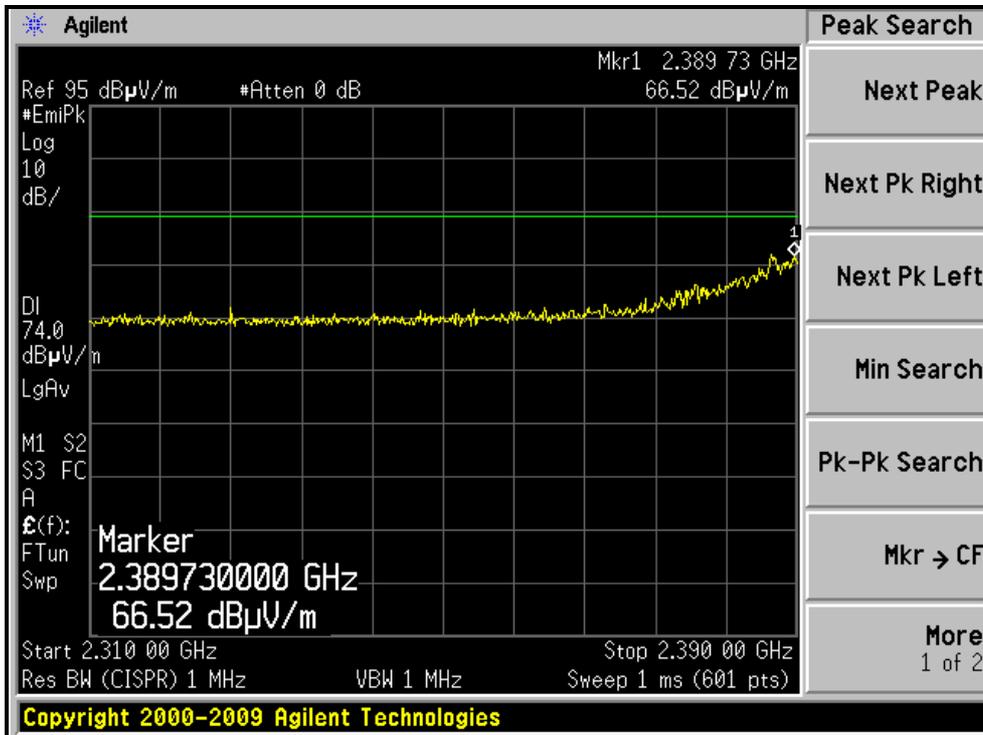
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	106.6 PK			1.10 H	175	74.71	31.89
2	*2462.00	93.5 AV			1.10 H	175	61.61	31.89
3	2483.50	68.0 PK	74.0	-6.0	1.09 H	174	36.03	31.97
4	2483.50	53.3 AV	54.0	-0.7	1.09 H	174	21.33	31.97
5	4924.00	46.0 PK	74.0	-28.0	1.02 H	241	6.69	39.31
6	4924.00	34.5 AV	54.0	-19.5	1.02 H	241	-4.81	39.31
7	7386.00	50.5 PK	74.0	-23.5	1.04 H	261	3.90	46.60
8	7386.00	38.7 AV	54.0	-15.3	1.04 H	261	-7.90	46.60
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2462.00	107.0 PK			1.00 V	337	75.11	31.89
2	*2462.00	95.9 AV			1.00 V	337	64.01	31.89
3	2483.50	66.9 PK	74.0	-7.1	1.00 V	335	34.93	31.97
4	2483.50	53.3 AV	54.0	-0.7	1.00 V	335	21.33	31.97
5	4924.00	47.3 PK	74.0	-26.7	1.07 V	241	7.99	39.31
6	4924.00	35.4 AV	54.0	-18.6	1.07 V	241	-3.91	39.31
7	7386.00	52.1 PK	74.0	-21.9	1.24 V	122	5.50	46.60
8	7386.00	39.8 AV	54.0	-14.2	1.24 V	122	-6.80	46.60

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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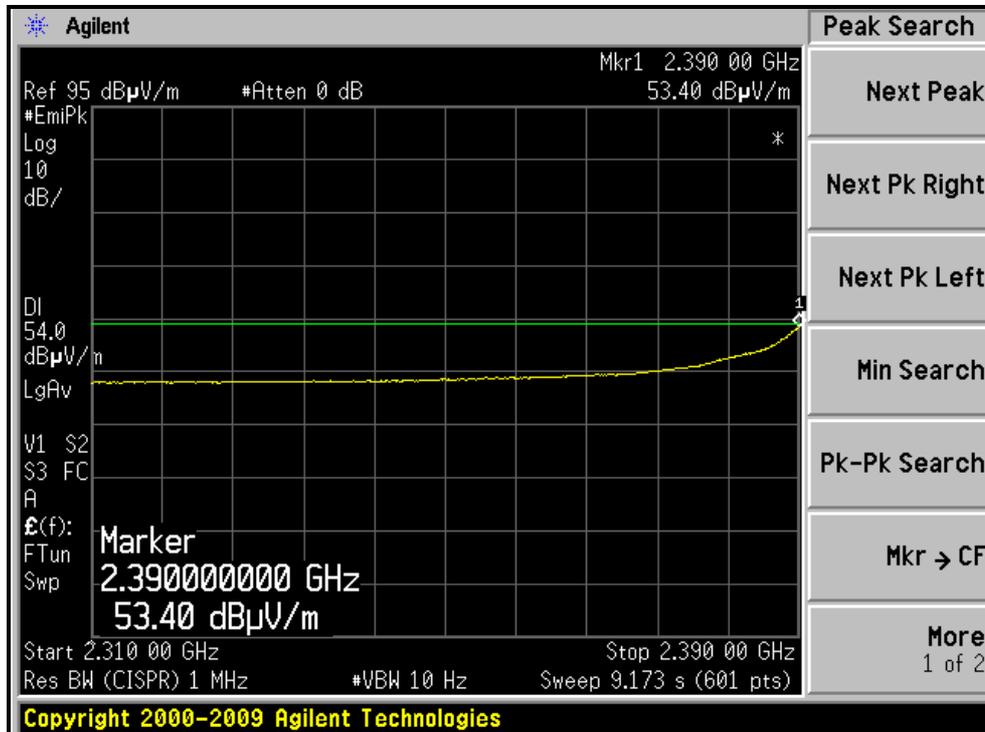
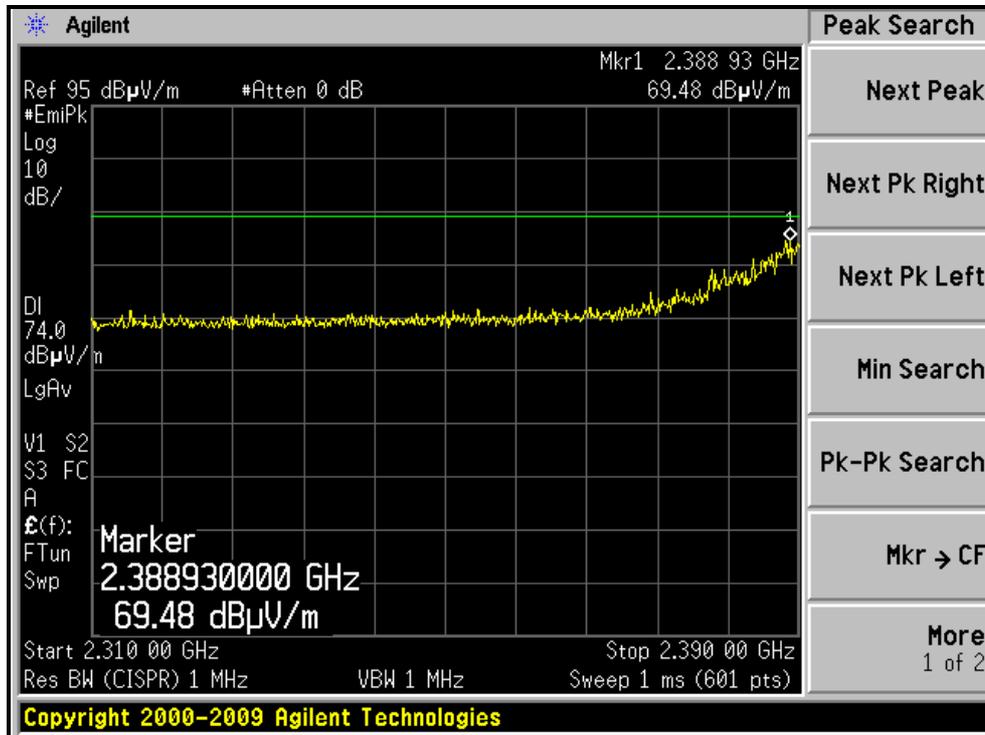
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, HORIZONTAL)



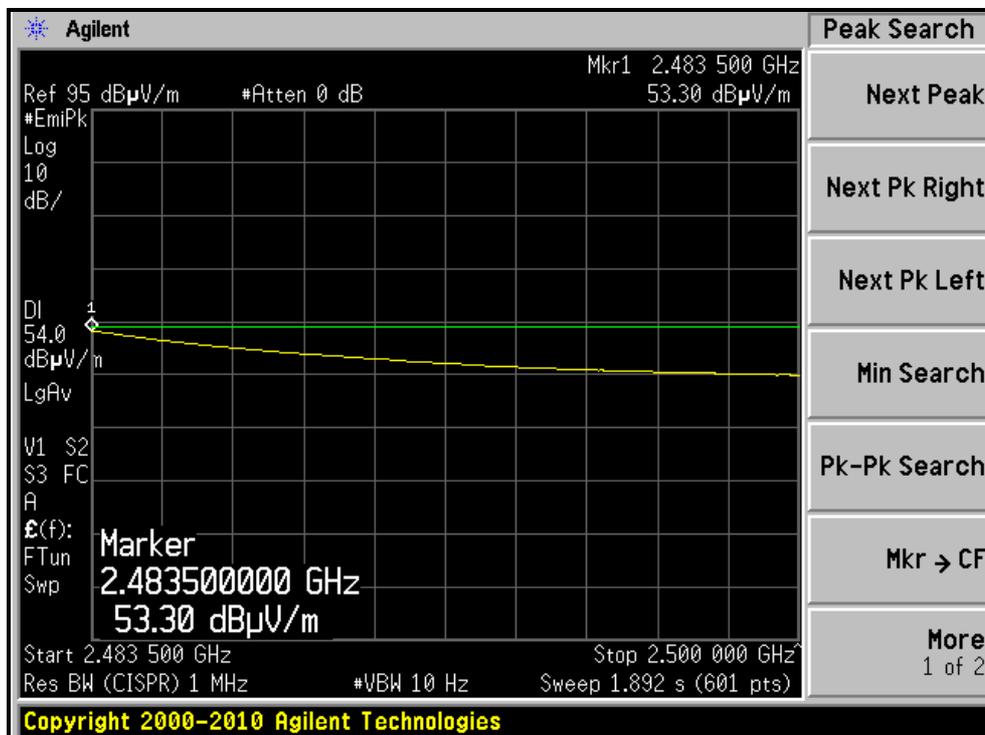
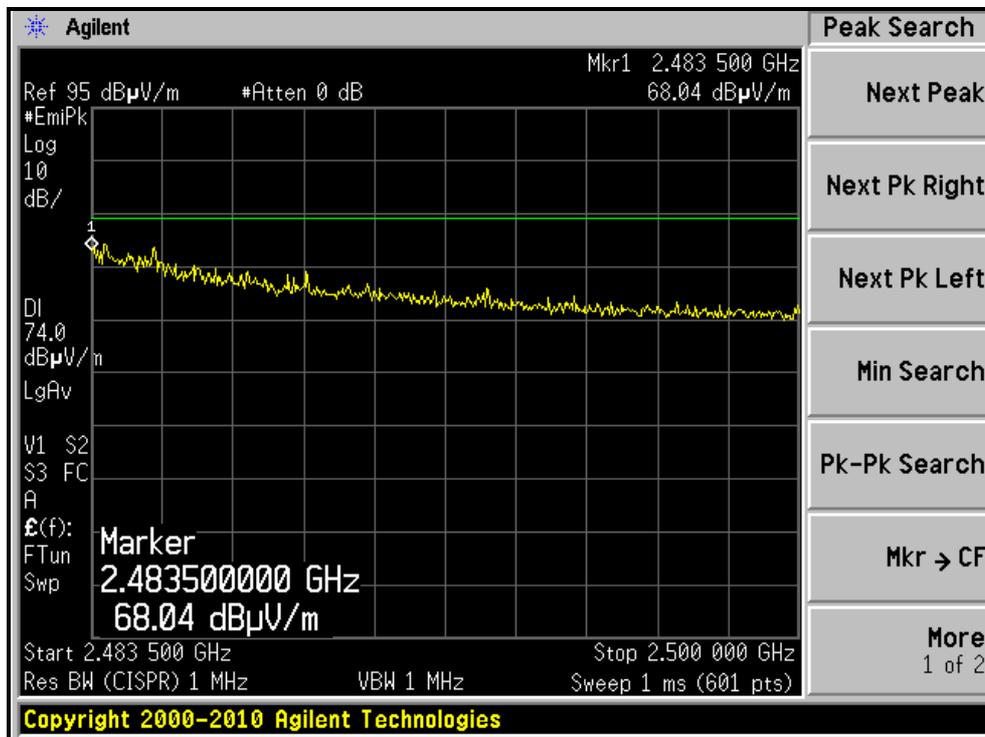


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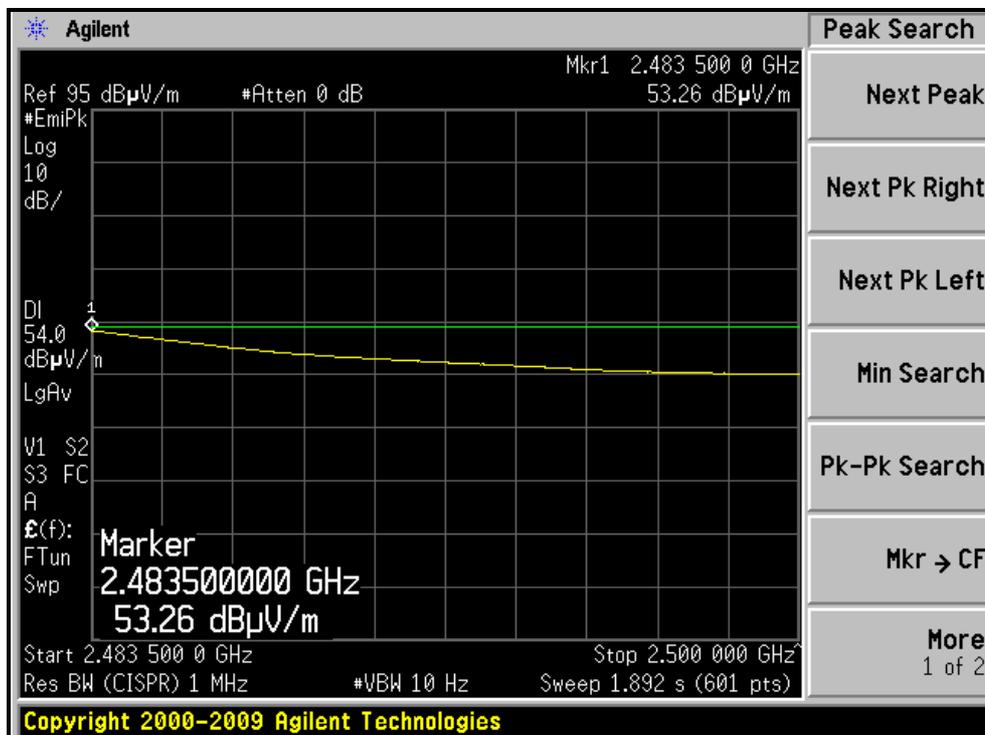
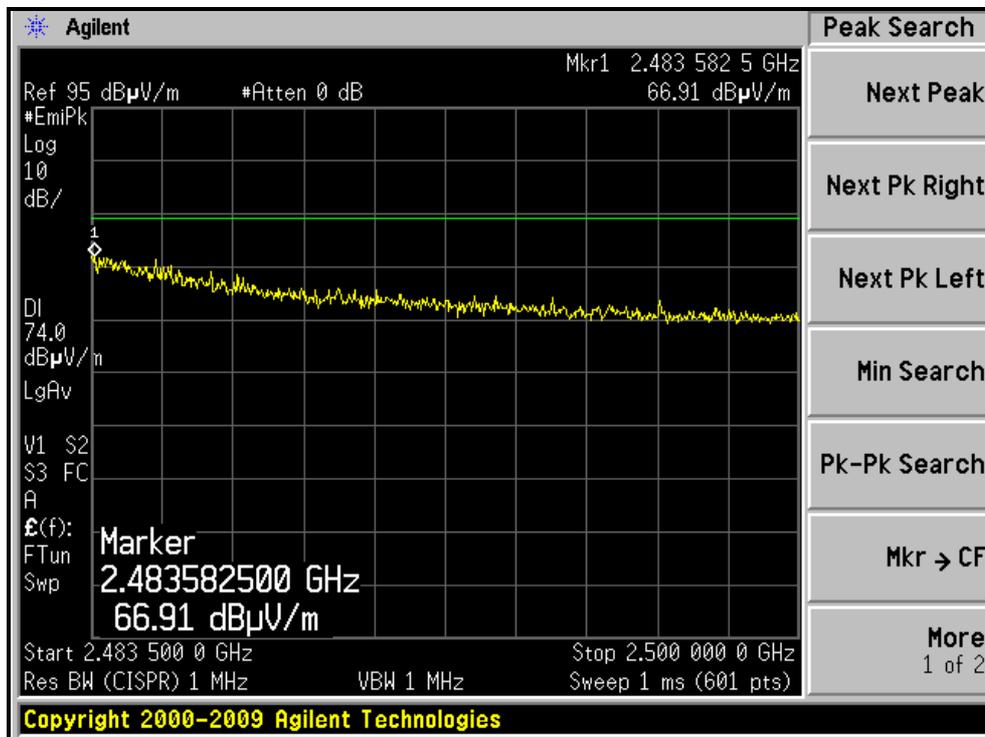
RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH1, VERTICAL)



RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, HORIZONTAL)



RESTRICTED BANDEDGE (802.11n (20MHz) MODE,CH11, VERTICAL)



Multiple chain - 802.11n (40MHz) OFDM MODULATION

EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 3	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	69.3 PK	74.0	-4.7	1.08 H	180	37.64	31.66
2	2390.00	51.9 AV	54.0	-2.1	1.08 H	180	20.24	31.66
3	*2422.00	100.0 PK			1.09 H	180	68.24	31.76
4	*2422.00	85.6 AV			1.09 H	180	53.84	31.76
5	4844.00	47.3 PK	74.0	-26.7	1.18 H	52	8.26	39.04
6	4844.00	34.9 AV	54.0	-19.1	1.18 H	52	-4.14	39.04
7	7266.00	54.2 PK	74.0	-19.8	1.00 H	117	7.53	46.67
8	7266.00	41.7 AV	54.0	-12.3	1.00 H	117	-4.97	46.67
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.3 PK	74.0	-5.7	1.00 V	331	36.64	31.66
2	2390.00	53.4 AV	54.0	-0.6	1.00 V	331	21.74	31.66
3	*2422.00	102.5 PK			1.00 V	341	70.74	31.76
4	*2422.00	89.0 AV			1.00 V	341	57.24	31.76
5	4844.00	47.8 PK	74.0	-26.2	1.04 V	225	8.76	39.04
6	4844.00	34.4 AV	54.0	-19.6	1.04 V	225	-4.64	39.04
7	7266.00	51.1 PK	74.0	-22.9	1.00 V	253	4.43	46.67
8	7266.00	39.2 AV	54.0	-14.8	1.00 V	253	-7.47	46.67

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 6	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	69.3 PK	74.0	-4.7	1.08 H	180	37.64	31.66
2	2390.00	51.9 AV	54.0	-2.1	1.08 H	180	20.24	31.66
3	*2422.00	100.0 PK			1.09 H	180	68.24	31.76
4	*2422.00	85.6 AV			1.09 H	180	53.84	31.76
5	4844.00	47.3 PK	74.0	-26.7	1.18 H	52	8.26	39.04
6	4844.00	34.9 AV	54.0	-19.1	1.18 H	52	-4.14	39.04
7	7266.00	54.2 PK	74.0	-19.8	1.00 H	117	7.53	46.67
8	7266.00	41.7 AV	54.0	-12.3	1.00 H	117	-4.97	46.67

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	2390.00	68.3 PK	74.0	-5.7	1.00 V	331	36.64	31.66
2	2390.00	53.4 AV	54.0	-0.6	1.00 V	331	21.74	31.66
3	*2422.00	102.5 PK			1.00 V	341	70.74	31.76
4	*2422.00	89.0 AV			1.00 V	341	57.24	31.76
5	4844.00	47.8 PK	74.0	-26.2	1.04 V	225	8.76	39.04
6	4844.00	34.4 AV	54.0	-19.6	1.04 V	225	-4.64	39.04
7	7266.00	51.1 PK	74.0	-22.9	1.00 V	253	4.43	46.67
8	7266.00	39.2 AV	54.0	-14.8	1.00 V	253	-7.47	46.67

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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EUT TEST CONDITION		MEASUREMENT DETAIL	
CHANNEL	Channel 9	FREQUENCY RANGE	1 ~ 25GHz
INPUT POWER	120Vac, 60 Hz	DETECTOR FUNCTION	Peak (PK) Average (AV)
ENVIRONMENTAL CONDITIONS	23deg. C, 69%RH	TESTED BY	Frank Liu

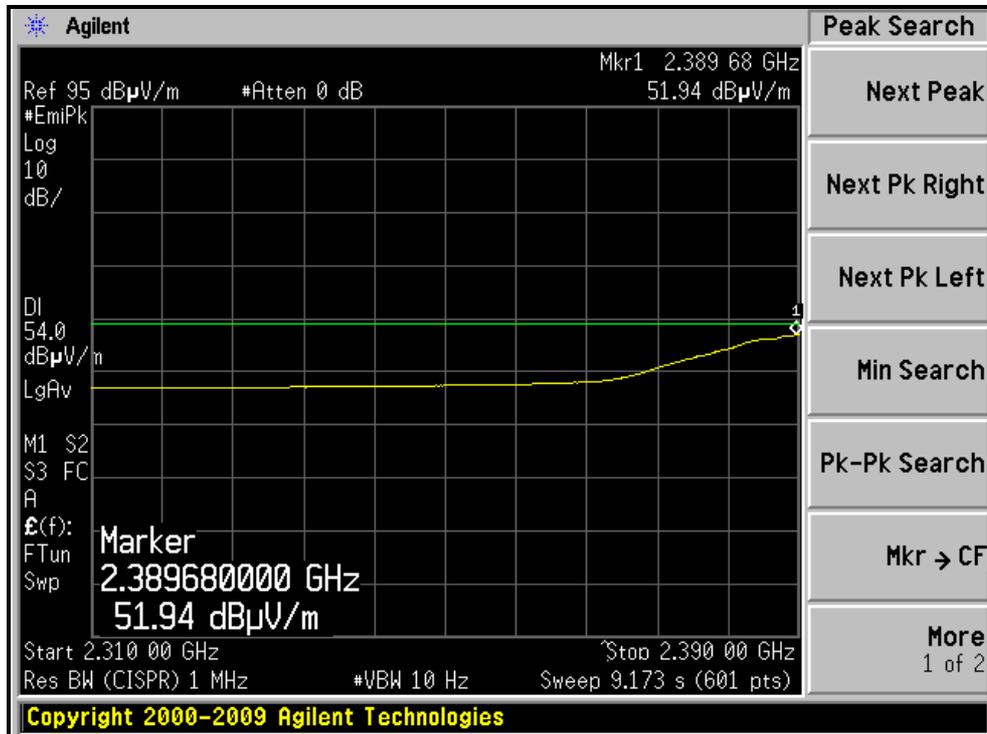
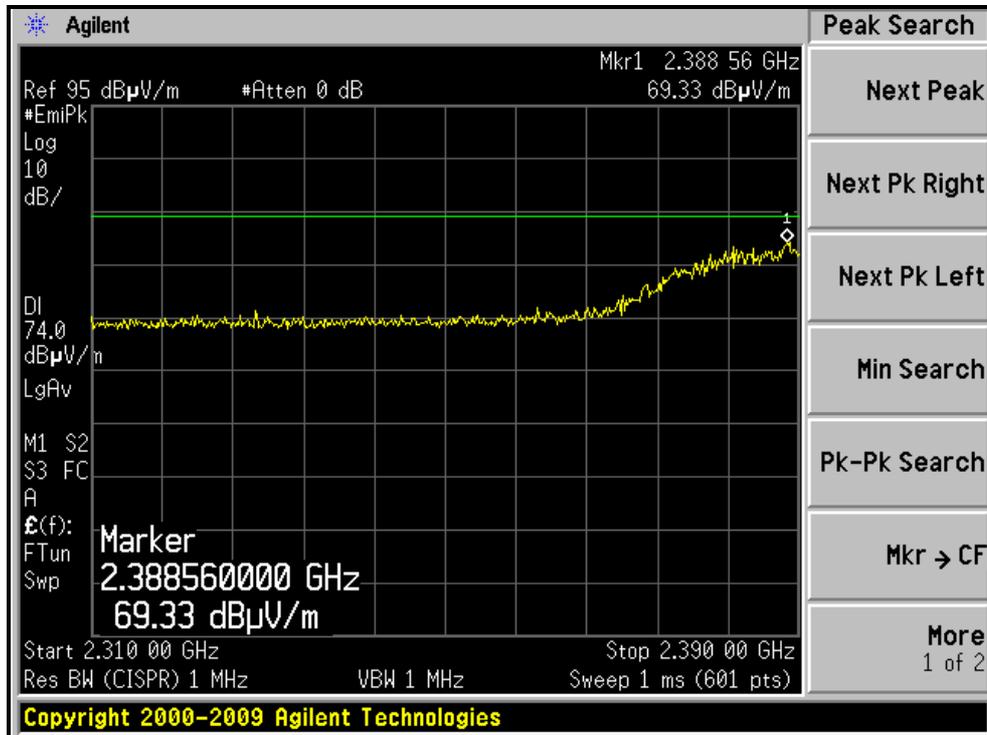
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	103.1 PK			1.09 H	175	71.24	31.86
2	*2452.00	87.8 AV			1.09 H	175	55.94	31.86
3	2489.40	69.6 PK	74.0	-4.4	1.05 H	203	37.61	31.99
4	2489.40	53.1 AV	54.0	-0.9	1.05 H	203	21.11	31.99
5	4904.00	46.8 PK	74.0	-27.2	1.09 H	282	7.56	39.24
6	4904.00	34.6 AV	54.0	-19.4	1.09 H	282	-4.64	39.24
7	7356.00	54.5 PK	74.0	-19.5	1.08 H	273	7.89	46.61
8	7356.00	41.7 AV	54.0	-12.3	1.08 H	273	-4.91	46.61
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*2452.00	104.2 PK			1.00 V	336	72.34	31.86
2	*2452.00	90.6 AV			1.00 V	336	58.74	31.86
3	2483.50	69.2 PK	74.0	-4.8	1.00 V	336	37.23	31.97
4	2483.50	53.1 AV	54.0	-0.9	1.00 V	336	21.13	31.97
5	4904.00	48.2 PK	74.0	-25.8	1.06 V	236	8.96	39.24
6	4904.00	34.6 AV	54.0	-19.4	1.06 V	236	-4.64	39.24
7	7356.00	51.6 PK	74.0	-22.4	1.00 V	247	4.99	46.61
8	7356.00	39.3 AV	54.0	-14.7	1.00 V	247	-7.31	46.61

- REMARKS:**
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
 3. The other emission levels were very low against the limit.
 4. Margin value = Emission level – Limit value.
 5. “ * “: Fundamental frequency.



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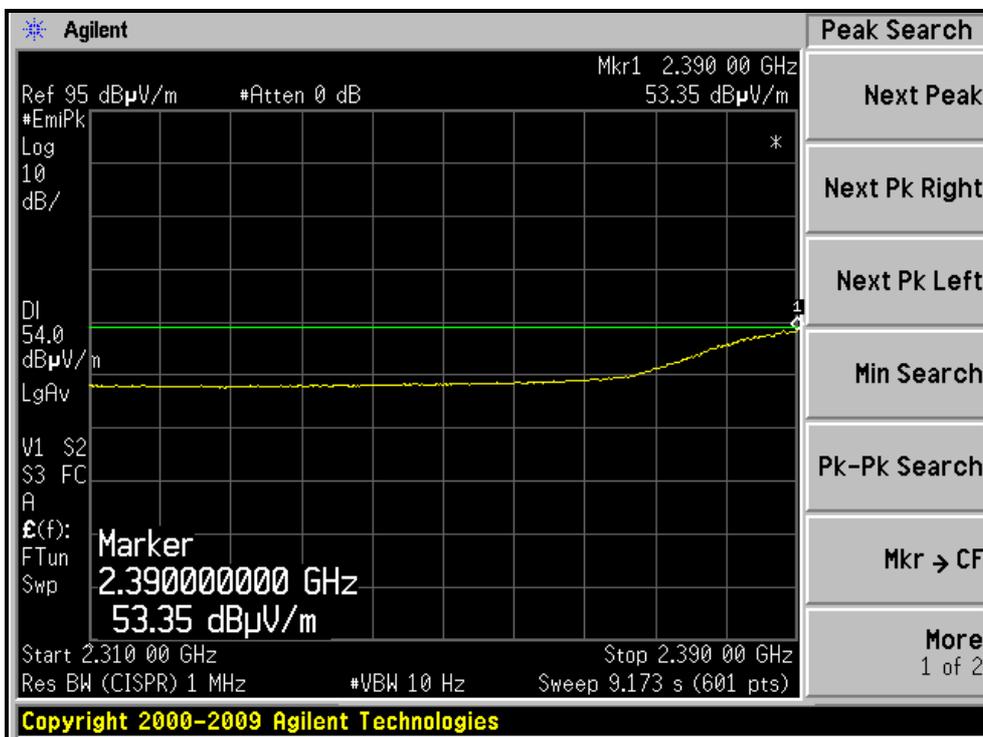
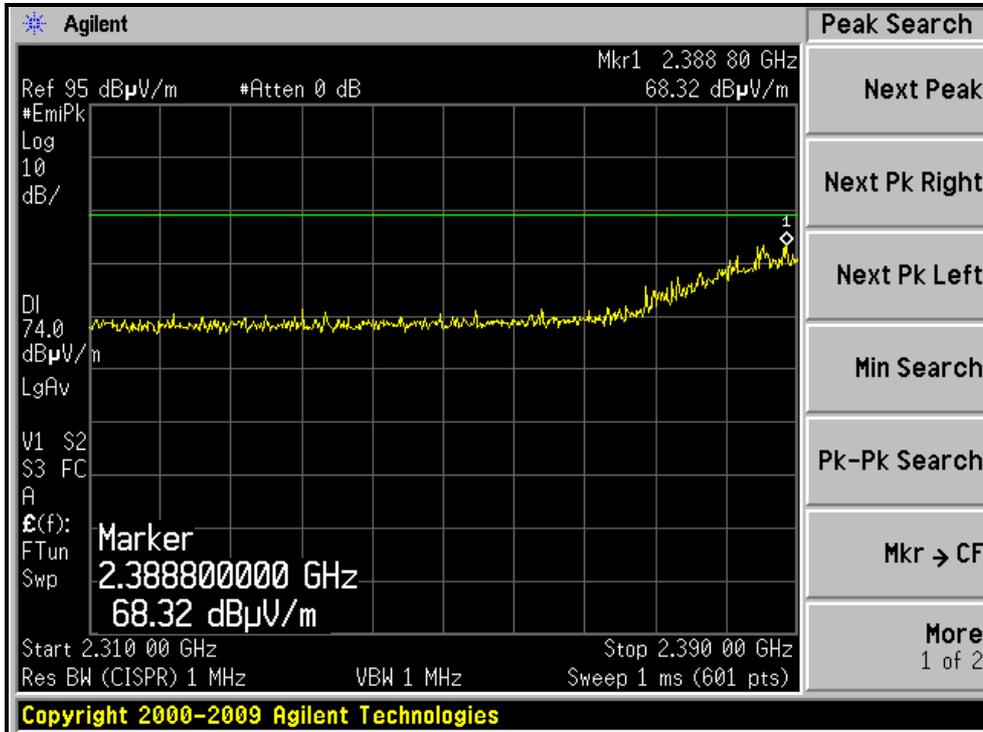
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, HORIZONTAL)



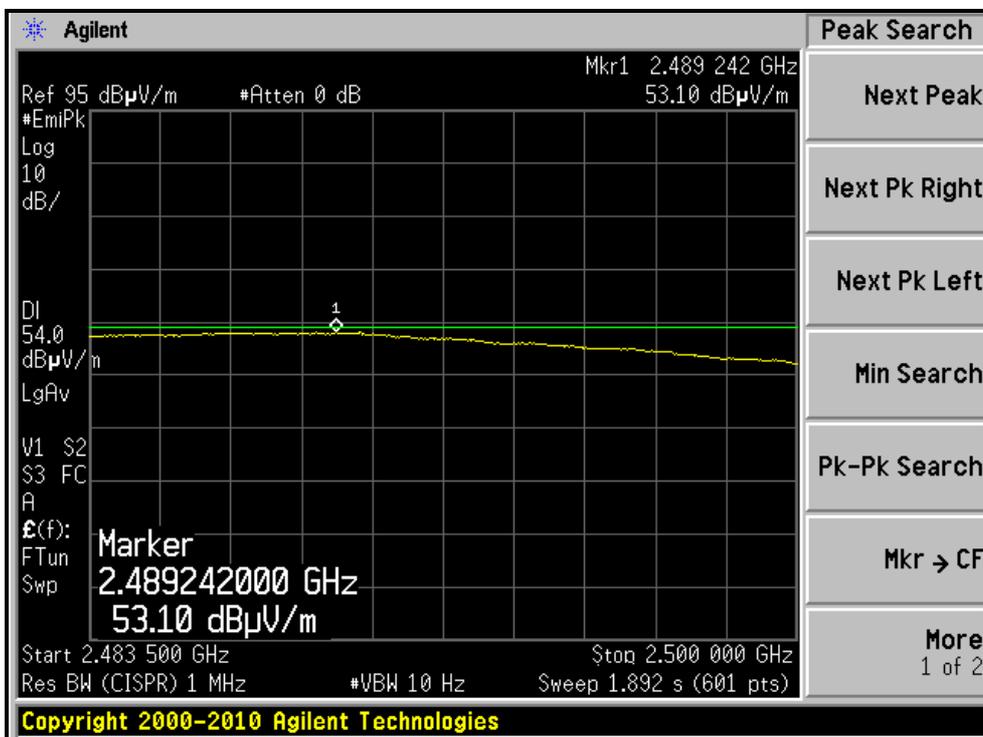
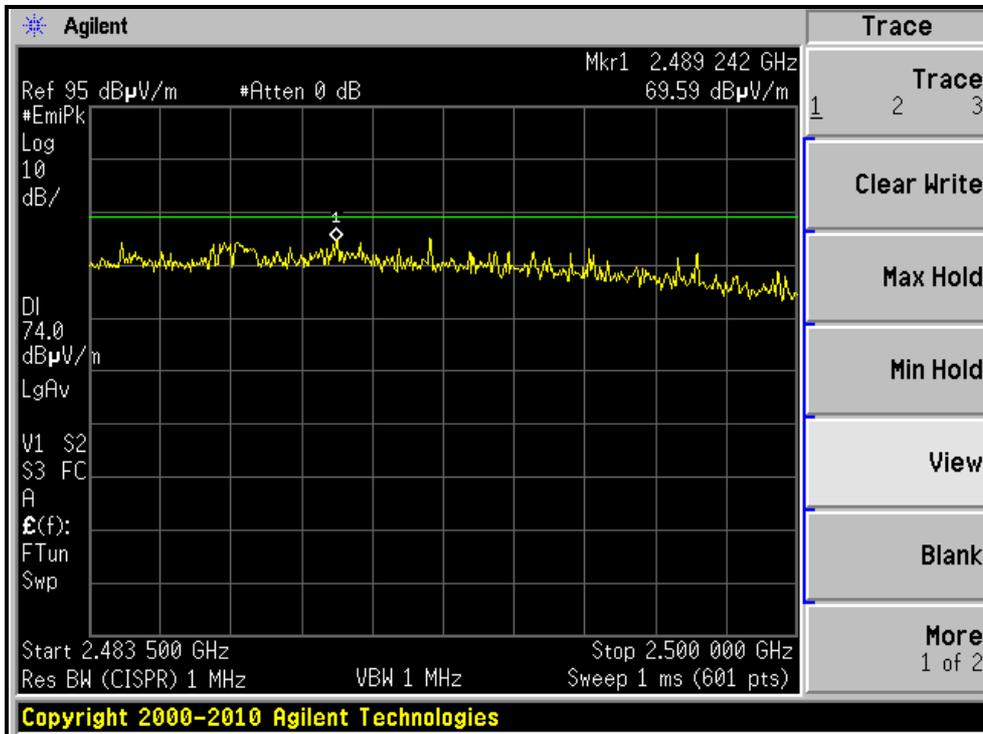


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RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH3, VERTICAL)



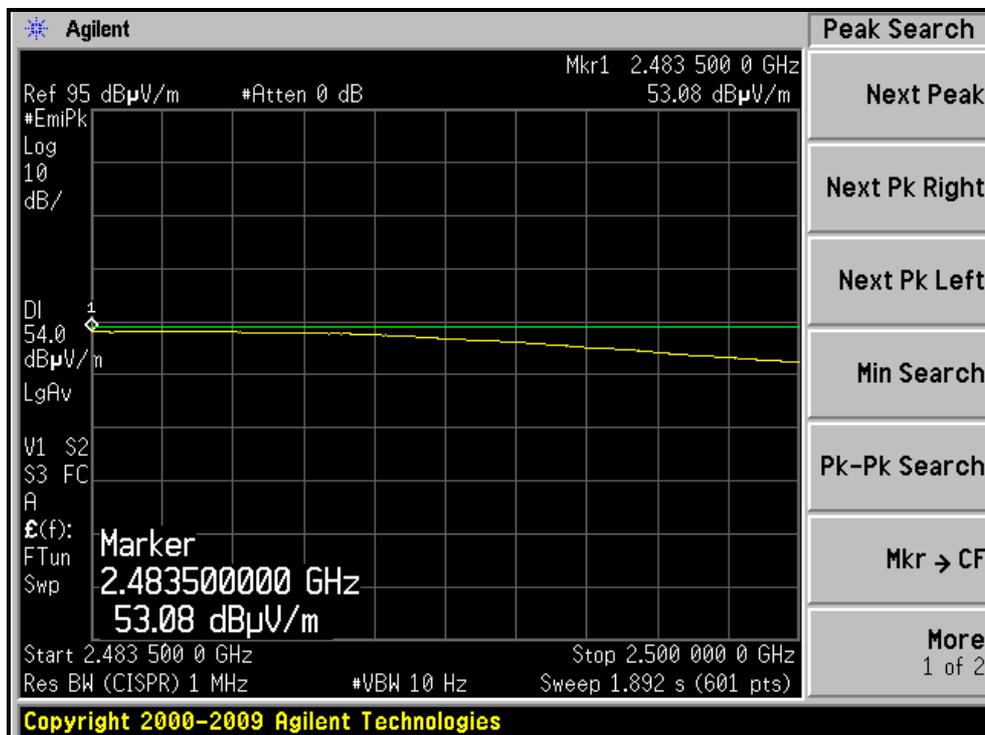
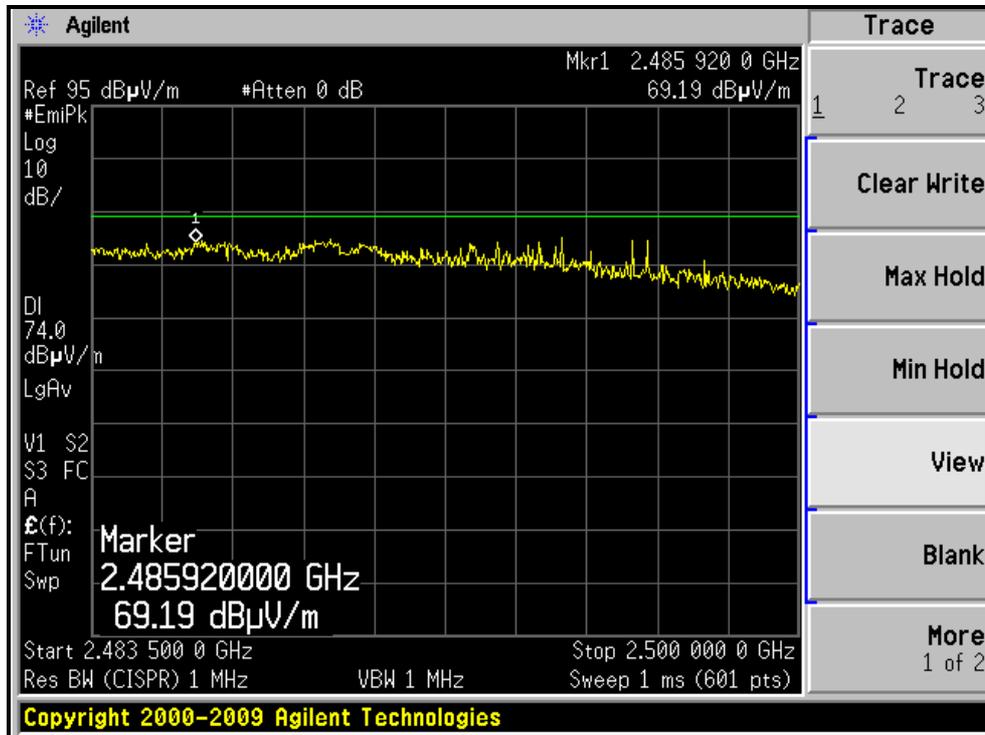
RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, HORIZONTAL)





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RESTRICTED BANDEDGE (802.11n (40MHz) MODE,CH9, VERTICAL)



4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

Test date: July 22, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 11, 2011	May 10, 2012

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.3.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 300kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

4.3.4 DEVIATION FROM TEST STANDARD

No deviation

4.3.5 TEST SETUP



4.3.6 EUT OPERATING CONDITIONS

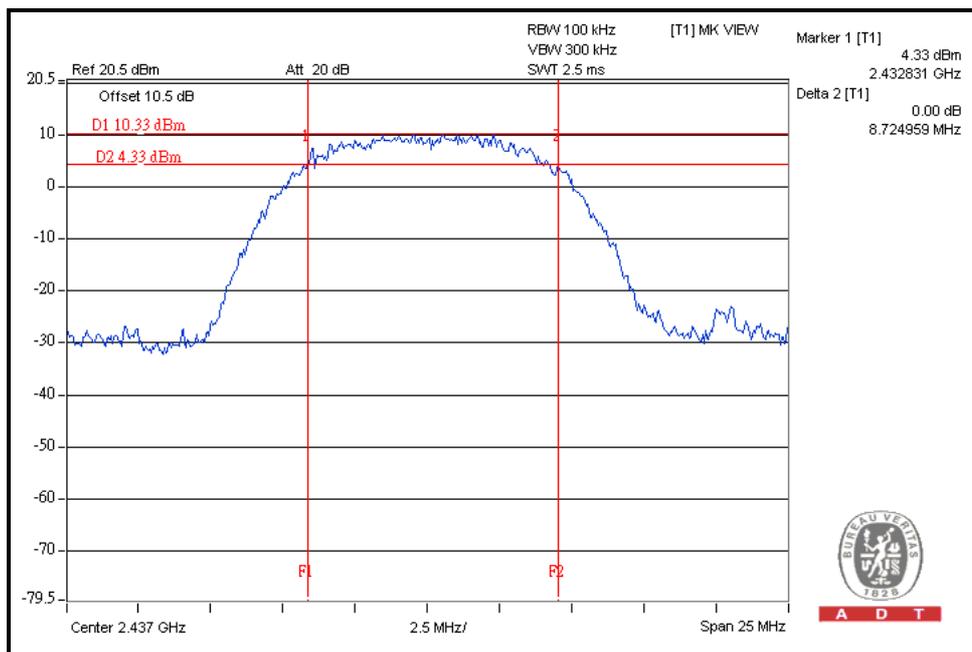
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 TEST RESULTS

Single Chain(0) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	7.95	0.5	PASS
6	2437	8.72	0.5	PASS
11	2462	8.31	0.5	PASS

CH6



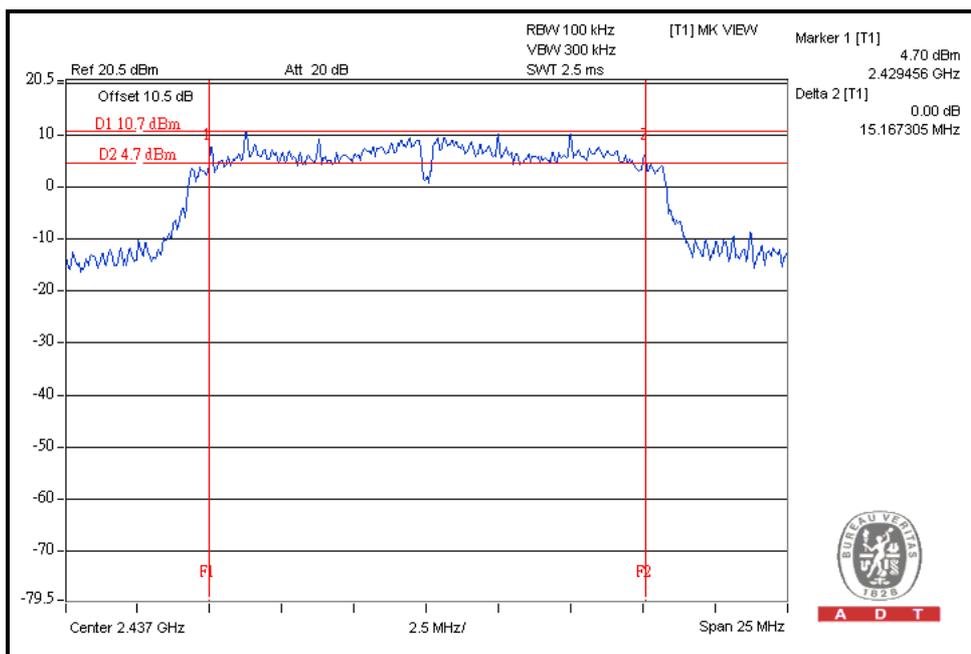


A D T

Single Chain(0) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	15.14	0.5	PASS
6	2437	15.16	0.5	PASS
11	2462	14.87	0.5	PASS

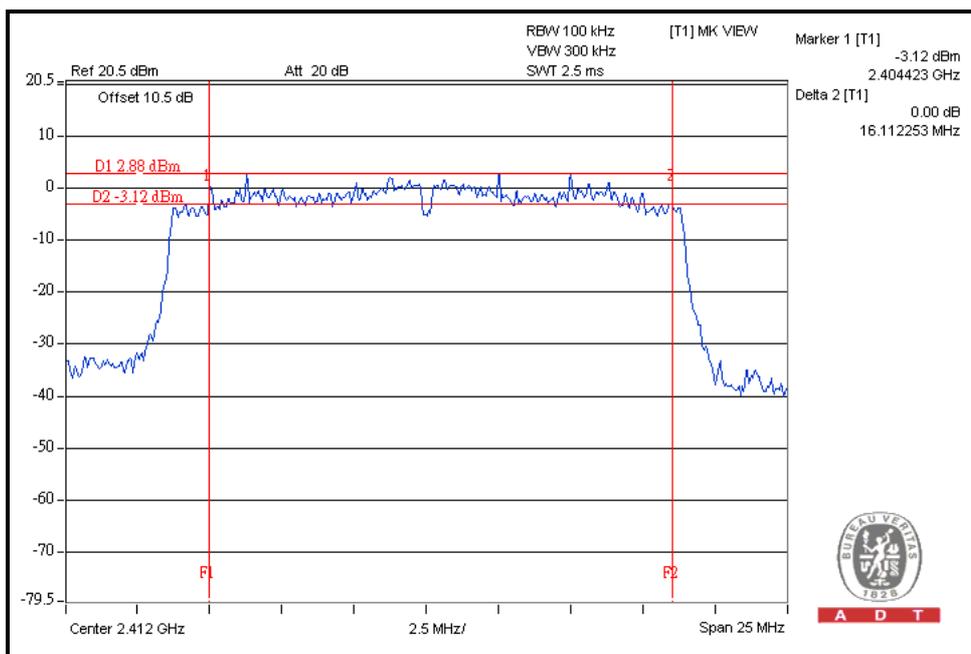
CH6



Single Chain(0) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	16.11	0.5	PASS
6	2437	14.41	0.5	PASS
11	2462	14.18	0.5	PASS

CH1



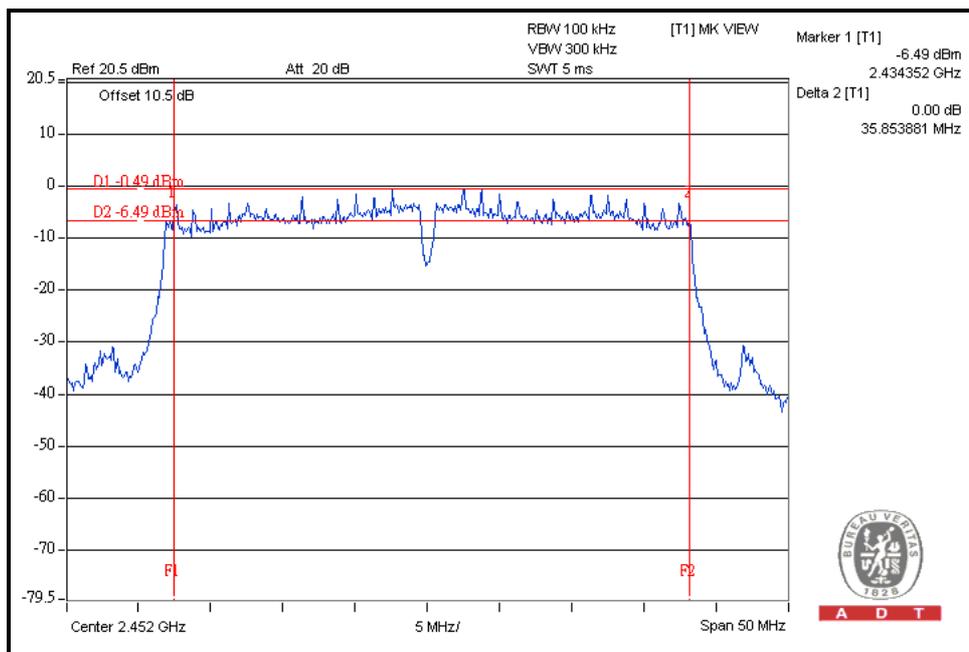


A D T

Single Chain(0) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
3	2422	35.73	0.5	PASS
6	2437	35.43	0.5	PASS
9	2452	35.85	0.5	PASS

CH9



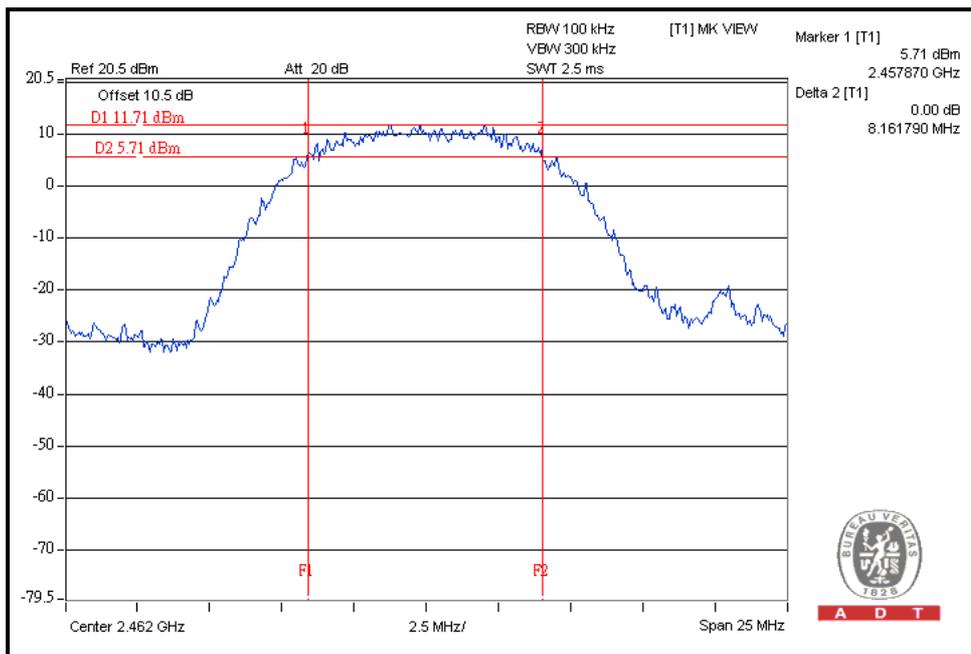


A D T

Single Chain(1) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	7.31	0.5	PASS
6	2437	7.74	0.5	PASS
11	2462	8.16	0.5	PASS

CH11



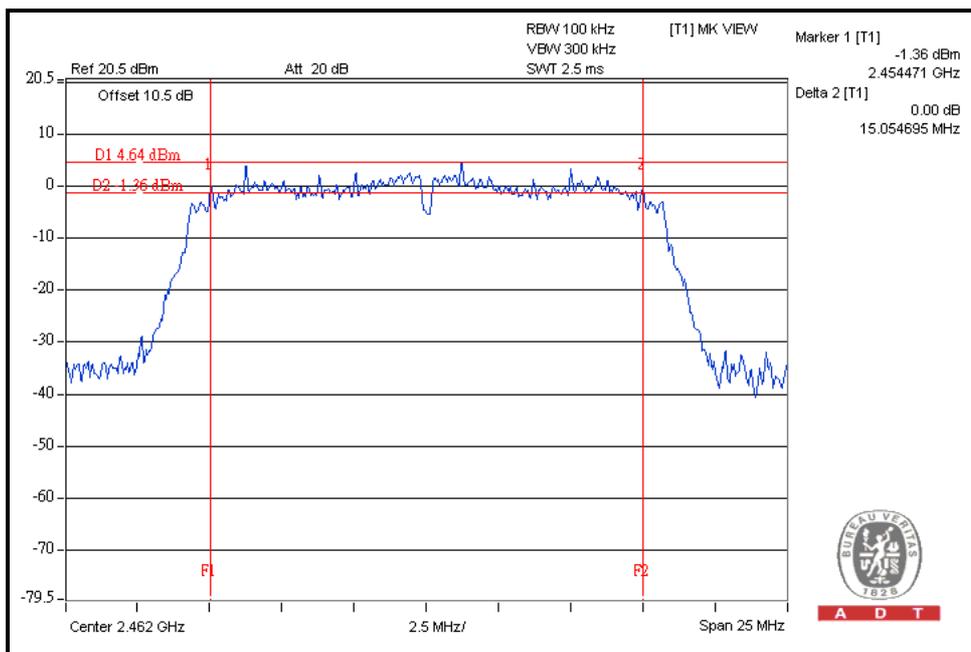


A D T

Single Chain(1) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	13.89	0.5	PASS
6	2437	14.71	0.5	PASS
11	2462	15.05	0.5	PASS

CH11



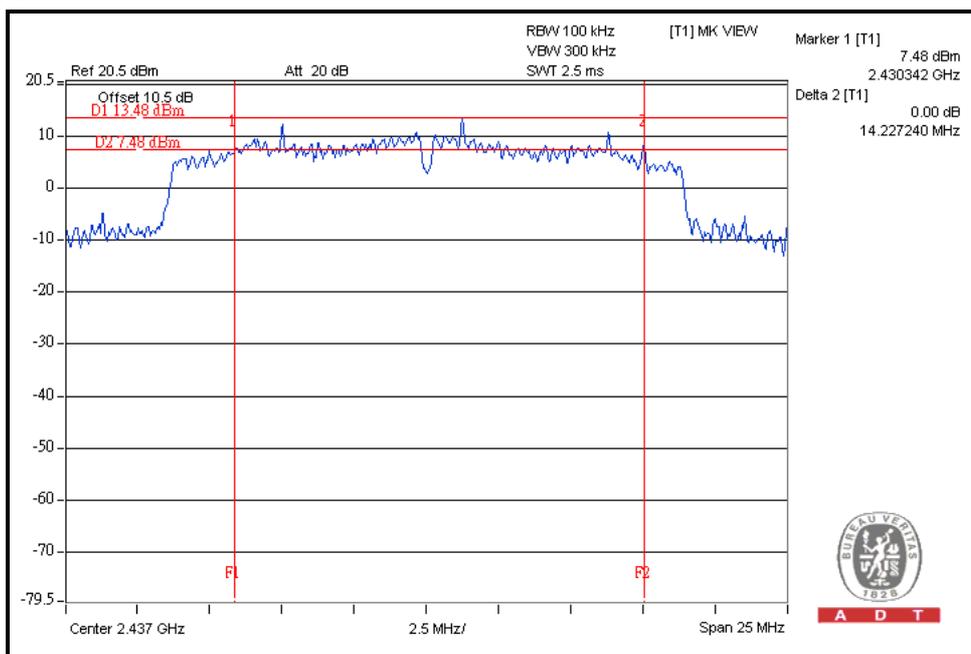


A D T

Single Chain(1) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	14.17	0.5	PASS
6	2437	14.22	0.5	PASS
11	2462	14.11	0.5	PASS

CH6



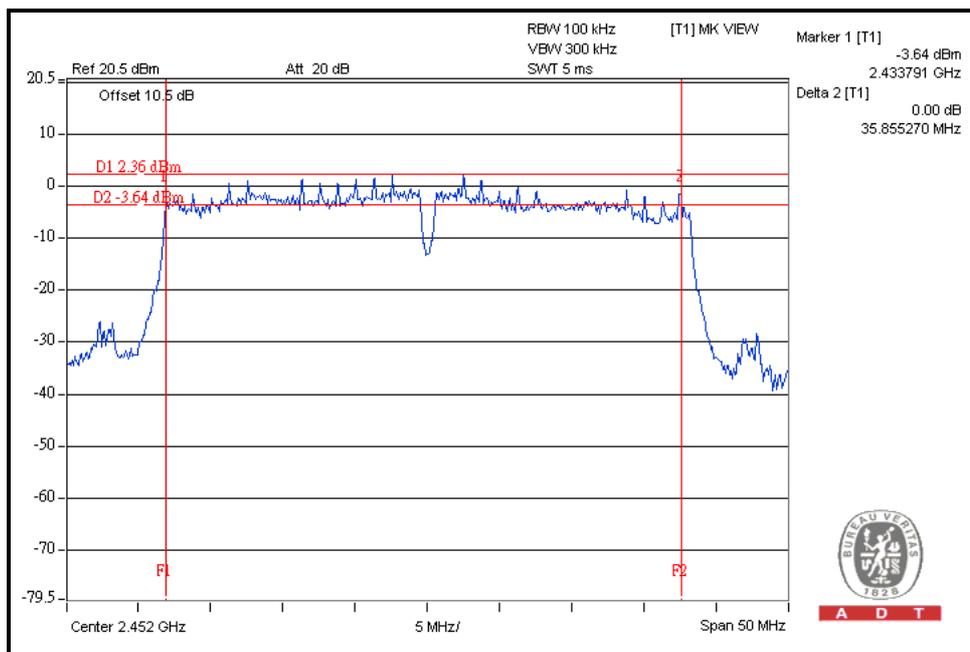


A D T

Single Chain(1) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
3	2422	34.49	0.5	PASS
6	2437	34.56	0.5	PASS
9	2452	35.85	0.5	PASS

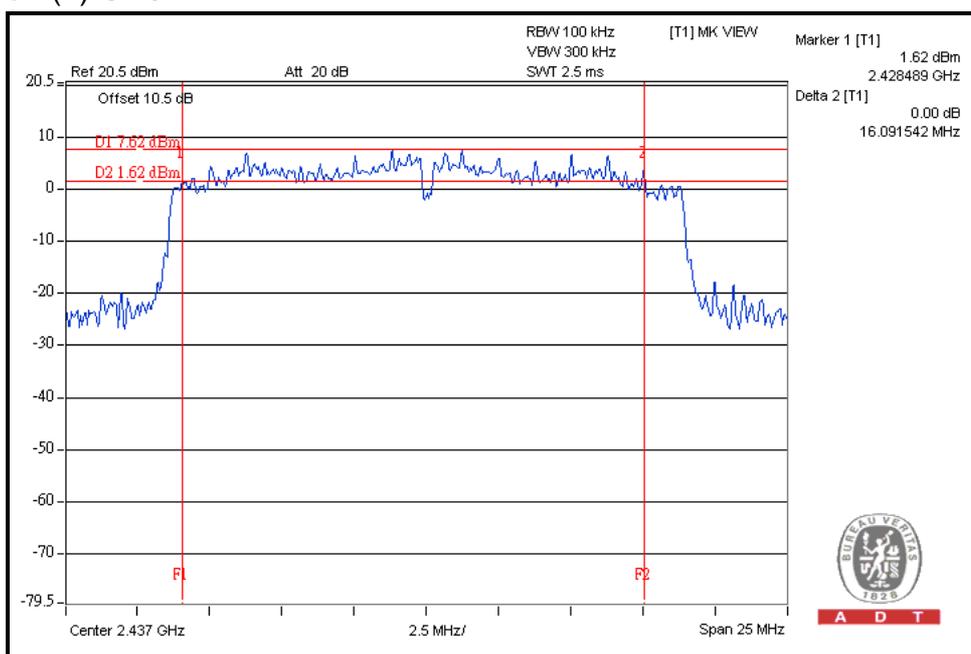
CH9



Multiple chain - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)		MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN(0)	CHAIN(1)		
1	2412	14.84	15.04	0.5	PASS
6	2437	14.25	16.09	0.5	PASS
11	2462	15.32	15.07	0.5	PASS

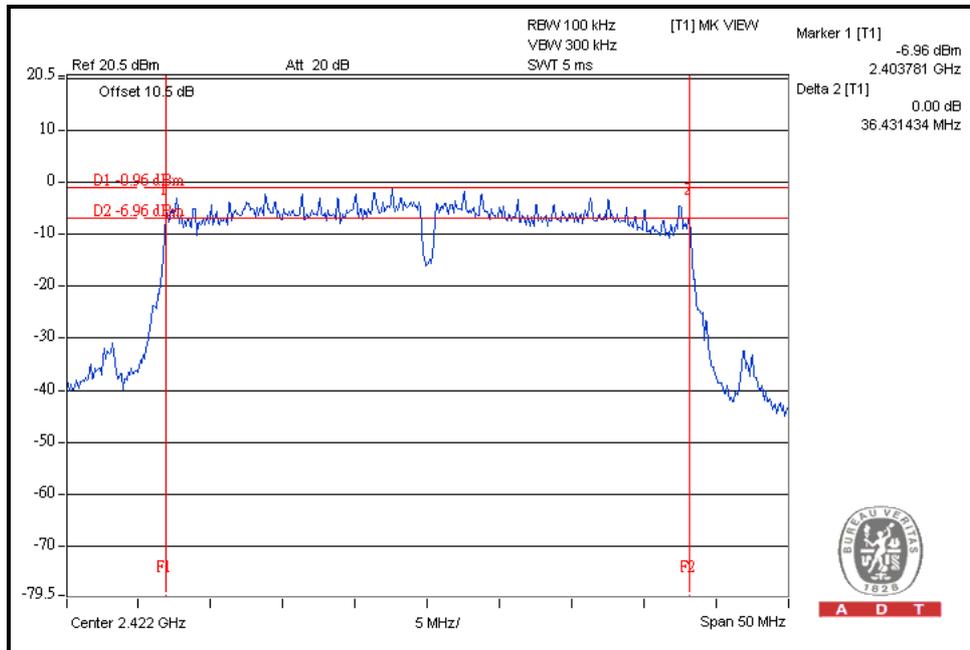
Chain(1) CH6



Multiple chain - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)		MINIMUM LIMIT (MHz)	PASS / FAIL
		CHAIN(0)	CHAIN(1)		
3	2422	35.74	36.43	0.5	PASS
6	2437	36.13	35.87	0.5	PASS
9	2452	35.82	35.85	0.5	PASS

Chain(1) CH3



4.4 MAXIMUM PEAK OUTPUT POWER

4.4.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

4.4.2 INSTRUMENTS

Test date: July 22, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Anritsu Power Meter	ML2495A	0824006	May 04, 2011	May 03, 2012
Pulse Power Sensor	MA2411B	0738172	May 03, 2011	May 02, 2012

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

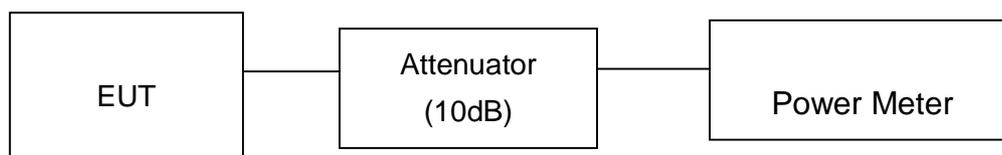
4.4.3 TEST PROCEDURES

1. The transmitter output was connected to the power meter through an attenuator; the bandwidth of the fundamental frequency was measured with the power meter.
2. Record the power level.

4.4.4 DEVIATION FROM TEST STANDARD

No deviation

4.4.5 TEST SETUP



4.4.6 EUT OPERATING CONDITIONS

Same as Item 4.3.6



4.4.7 TEST RESULTS

Single Chain(0) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	182.0	22.6	30	PASS
6	2437	199.5	23.0	30	PASS
11	2462	169.8	22.3	30	PASS

Single Chain(0) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	239.9	23.8	30	PASS
6	2437	407.4	26.1	30	PASS
11	2462	162.2	22.1	30	PASS

Single Chain(0) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	218.8	23.4	30	PASS
6	2437	389.0	25.9	30	PASS
11	2462	166.0	22.2	30	PASS

Single Chain(0) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
3	2412	125.9	21.0	30	PASS
6	2437	295.1	24.7	30	PASS
9	2462	204.2	23.1	30	PASS



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4.4.8 TEST RESULTS

Single Chain(1) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	218.8	23.4	30	PASS
6	2437	229.1	23.6	30	PASS
11	2462	245.5	23.9	30	PASS

Single Chain(1) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	257.0	24.1	30	PASS
6	2437	436.5	26.4	30	PASS
11	2462	229.1	23.6	30	PASS

Single Chain(1) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
1	2412	190.5	22.8	30	PASS
6	2437	436.5	26.4	30	PASS
11	2462	166.0	22.2	30	PASS

Single Chain(1) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
3	2412	151.4	21.8	30	PASS
6	2437	316.2	25.0	30	PASS
9	2462	275.4	24.4	30	PASS



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Multiple chain - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)		TOTAL PEAK POWER (mW)	TOTAL PEAK POWER (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
		CHAIN(0)	CHAIN(1)				
1	2412	21.4	24.5	419.9	26.2	30	PASS
6	2437	24.9	25.5	663.8	28.2	30	PASS
11	2462	20.5	23.4	331.0	25.2	30	PASS

Multiple chain - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)		TOTAL PEAK POWER (mW)	TOTAL PEAK POWER (dBm)	PEAK POWER LIMIT (dBm)	PASS / FAIL
		CHAIN(0)	CHAIN(1)				
3	2422	20.6	22.7	301.0	24.8	30	PASS
6	2437	23.9	24.4	520.9	27.2	30	PASS
9	2452	22.8	23.6	419.6	26.2	30	PASS

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

Test date: July 22, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 11, 2011	May 10, 2012

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.5.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator, the bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, set sweep time = span/3kHz. The power spectral density was measured and recorded.

The sweep time is allowed to be longer than span/3kHz for a full response of the mixer in the spectrum analyzer.

4.5.4 DEVIATION FROM TEST STANDARD

No deviation

4.5.5 TEST SETUP



4.5.6 EUT OPERATING CONDITION

Same as Item 4.3.6



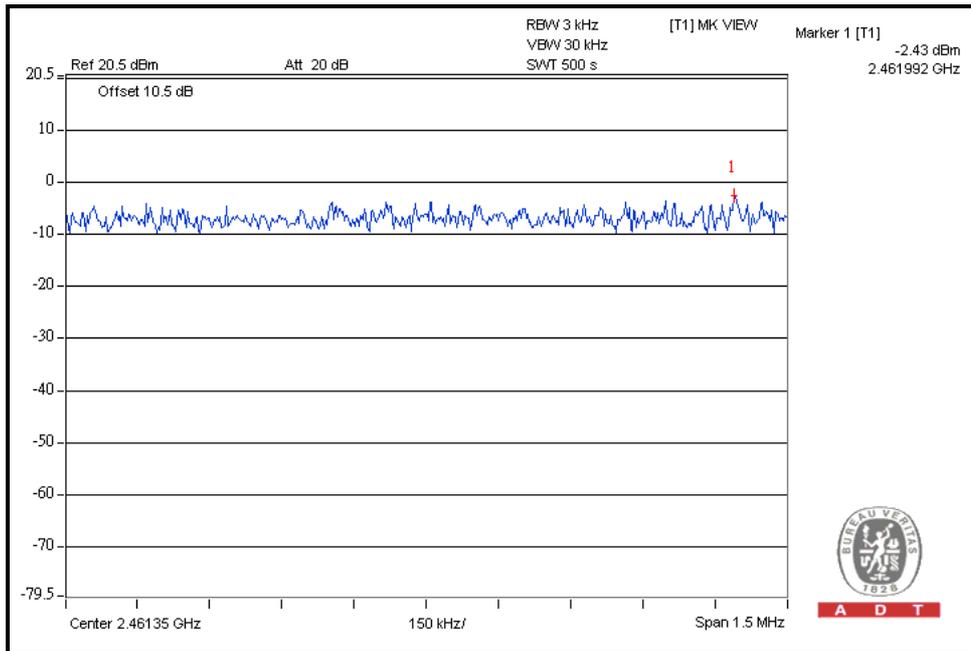
A D T

4.5.7 TEST RESULTS

Single Chain(0) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-3.9	8	PASS
6	2437	-3.5	8	PASS
11	2462	-2.4	8	PASS

CH11



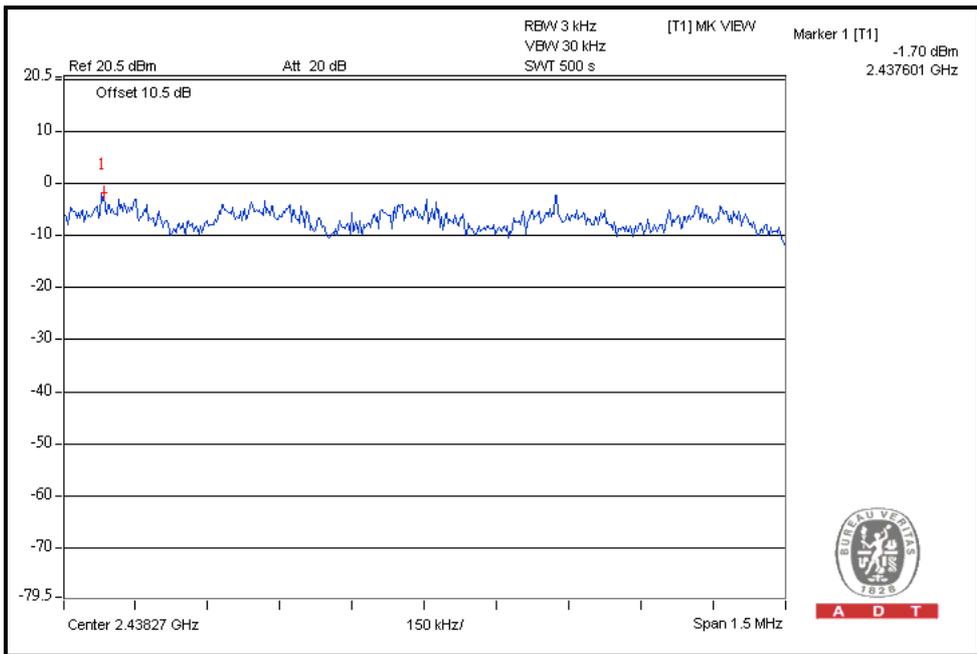


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Single Chain(0) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-8.7	8	PASS
6	2437	-1.7	8	PASS
11	2462	-8.4	8	PASS

CH6



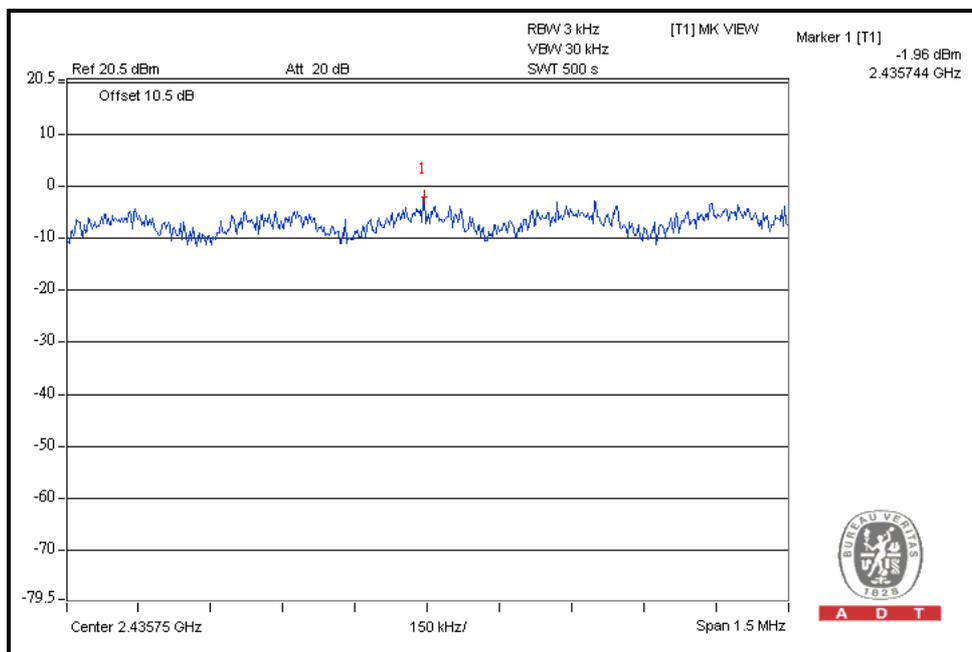


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Single Chain(0) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-9.3	8	PASS
6	2437	-2.0	8	PASS
11	2462	-9.5	8	PASS

CH6



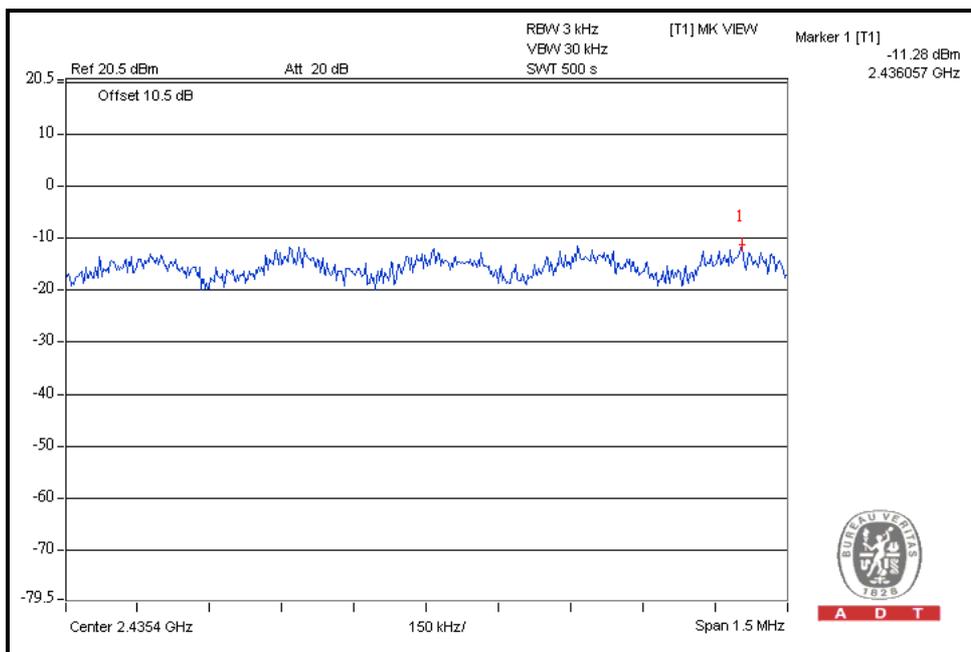


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Single Chain(0) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
3	2422	-14.7	8	PASS
6	2437	-11.3	8	PASS
9	2452	-14.4	8	PASS

CH6





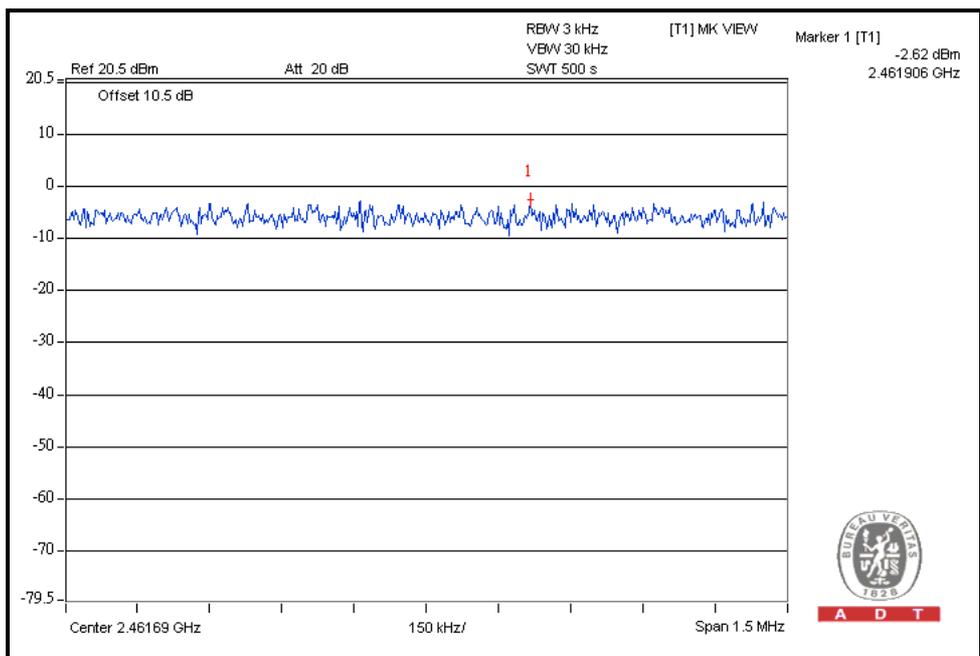
A D T

4.5.8 TEST RESULTS

Single Chain(1) - 802.11b DSSS MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-3.8	8	PASS
6	2437	-3.1	8	PASS
11	2462	-2.6	8	PASS

CH11



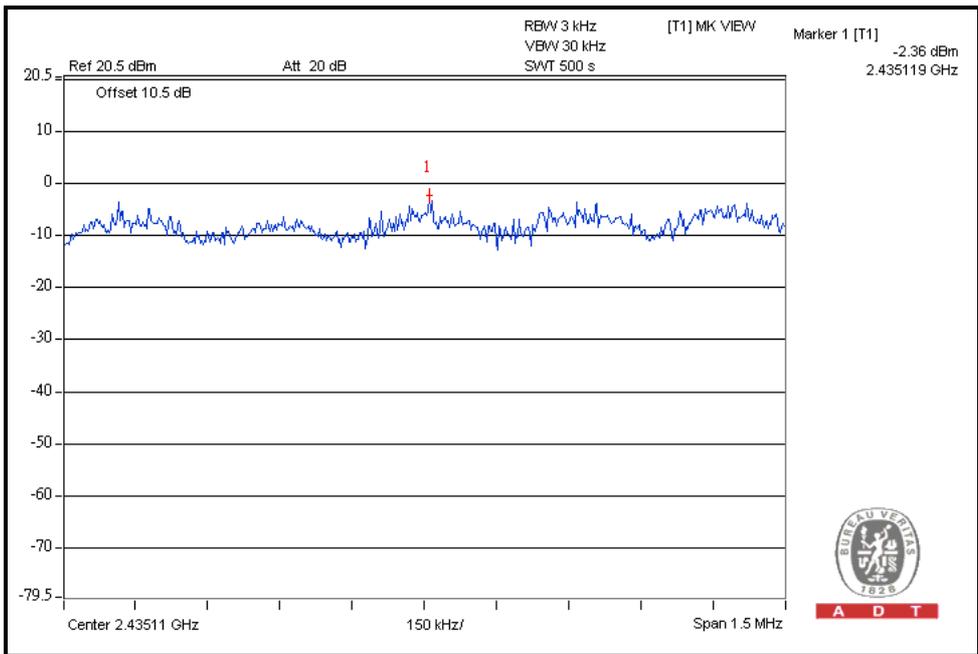


A D T

Single Chain(1) - 802.11g OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-9.8	8	PASS
6	2437	-2.4	8	PASS
11	2462	-9.4	8	PASS

CH6



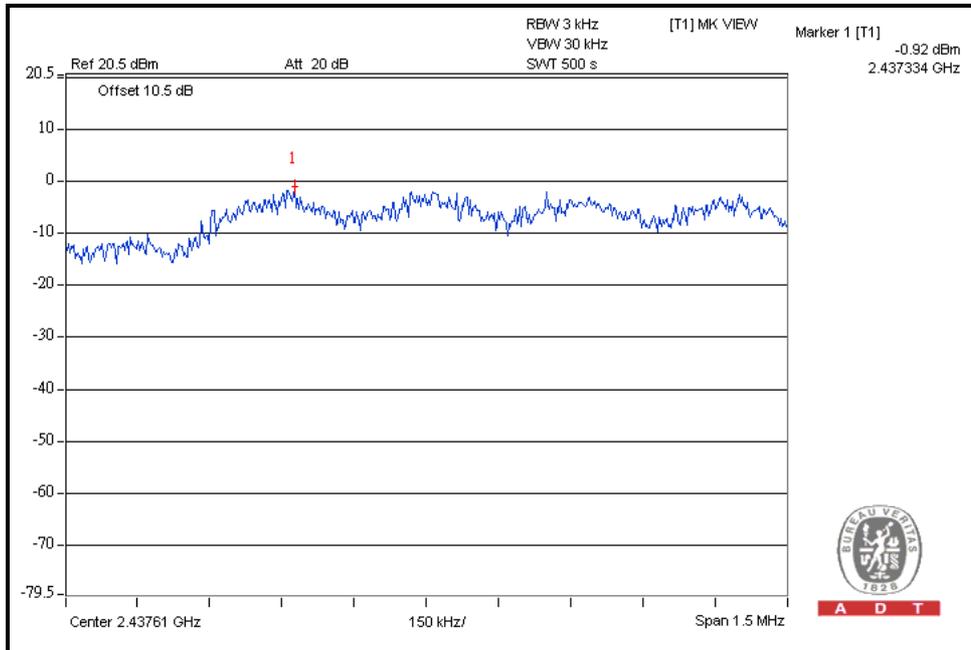


A D T

Single Chain(1) - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
1	2412	-10.0	8	PASS
6	2437	-0.9	8	PASS
11	2462	-9.5	8	PASS

CH6



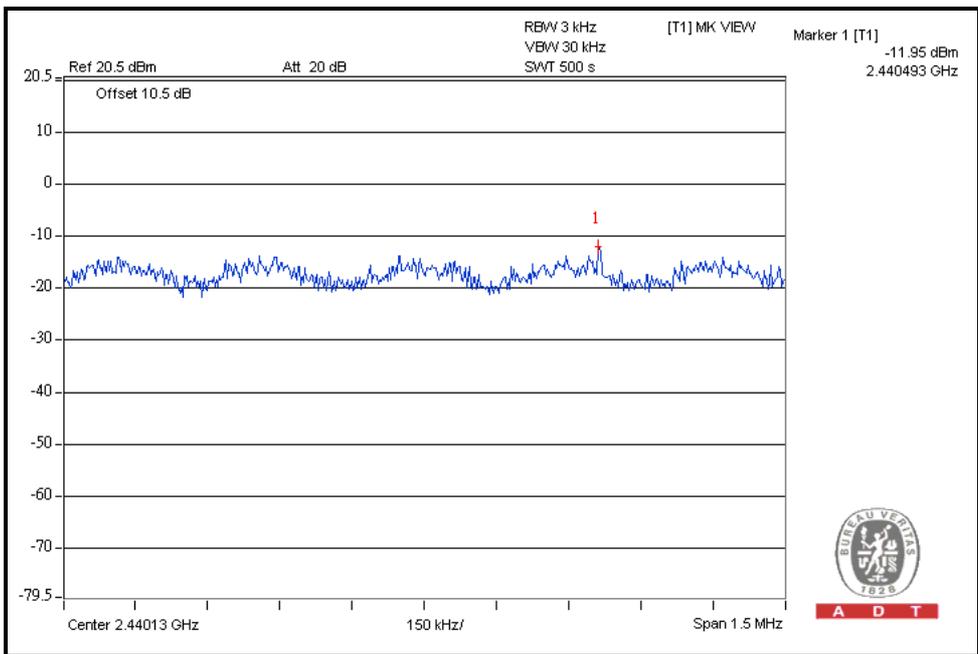


A D T

Single Chain(1) - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
3	2422	-16.1	8	PASS
6	2437	-12.4	8	PASS
9	2452	-12.0	8	PASS

CH9



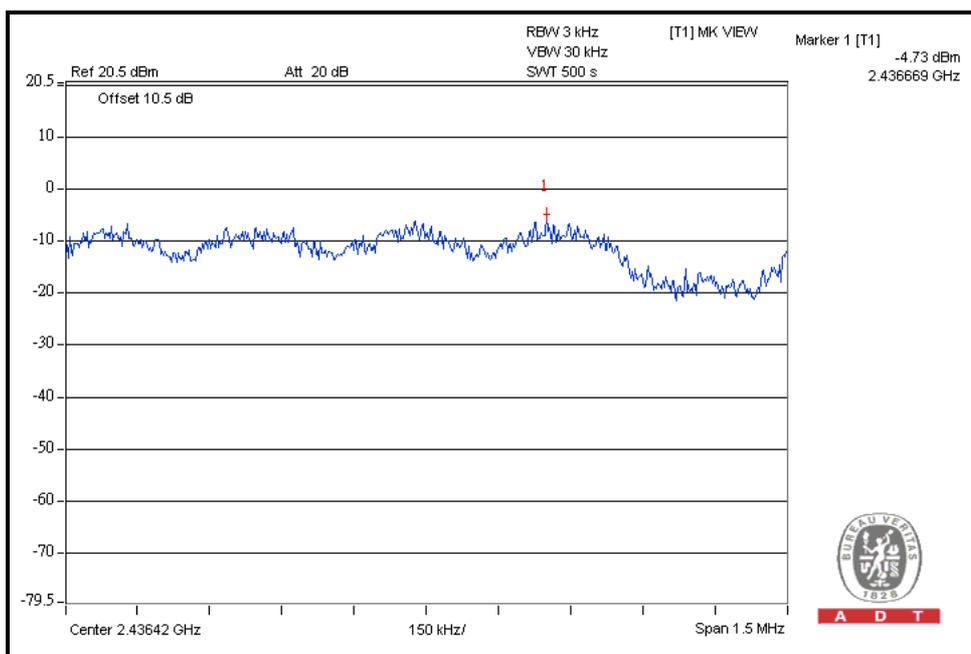
A D T

4.5.9 TEST RESULTS

Multiple chain - 802.11n (20MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)		TOTAL POWER DENSITY (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN(0)	CHAIN(1)			
1	2412	-10.0	-9.1	-6.5	8	PASS
6	2437	-7.2	-4.7	-2.8	8	PASS
11	2462	-10.0	-9.3	-6.6	8	PASS

For Chain(1): CH6



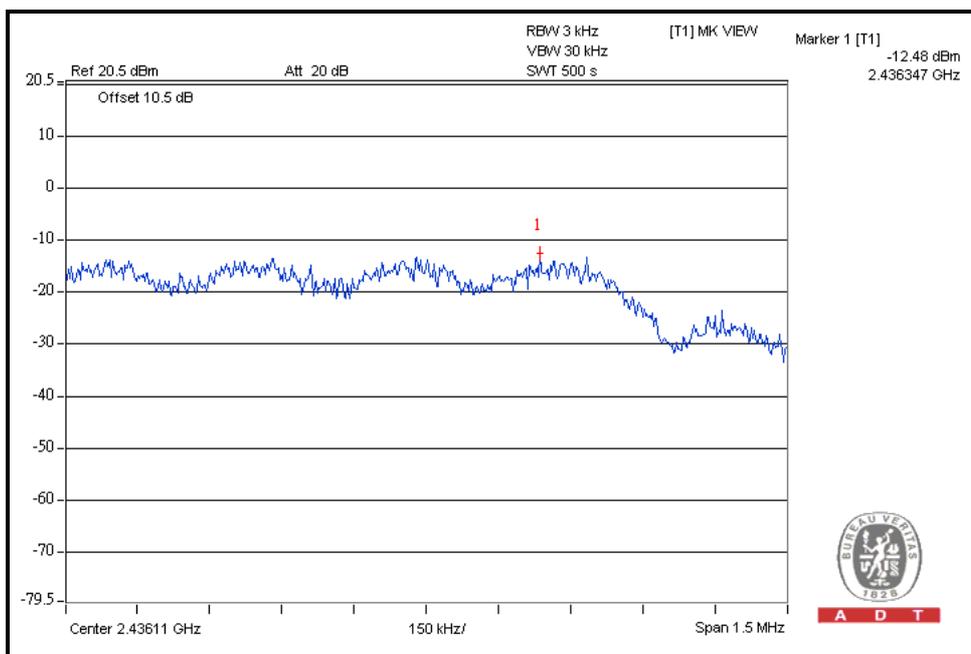


A D T

Multiple chain - 802.11n (40MHz) OFDM MODULATION:

CHANNEL	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3kHz BW (dBm)		TOTAL POWER DENSITY (dBm)	MAXIMUM LIMIT (dBm)	PASS / FAIL
		CHAIN(0)	CHAIN(1)			
3	2422	-16.3	-15.2	-12.7	8	PASS
6	2437	-12.5	-15.1	-10.6	8	PASS
9	2452	-13.5	-13.6	-10.5	8	PASS

For Chain(0): CH6



4.6 CONDUCTED OUT-BAND EMISSION MEASUREMENT

4.6.1 LIMITS OF CONDUCTED OUT-BAND EMISSION MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).

4.6.2 TEST INSTRUMENTS

Test date: July 22, 2011

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
R&S Spectrum Analyzer	FSP 40	100060	May 11, 2011	May 10, 2012

NOTE: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.6.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low loss cable. Set RBW of spectrum analyzer to 100kHz and VBW of spectrum analyzer to 300kHz with suitable frequency span including 100 MHz or 200 MHz bandwidth from band edge. The band edges was measured and recorded.

The spectrum plots (RBW = 100kHz, VBW = 300kHz) are attached on the following pages.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation

4.6.5 EUT OPERATING CONDITION

Same as Item 4.3.6

4.6.6 TEST RESULTS

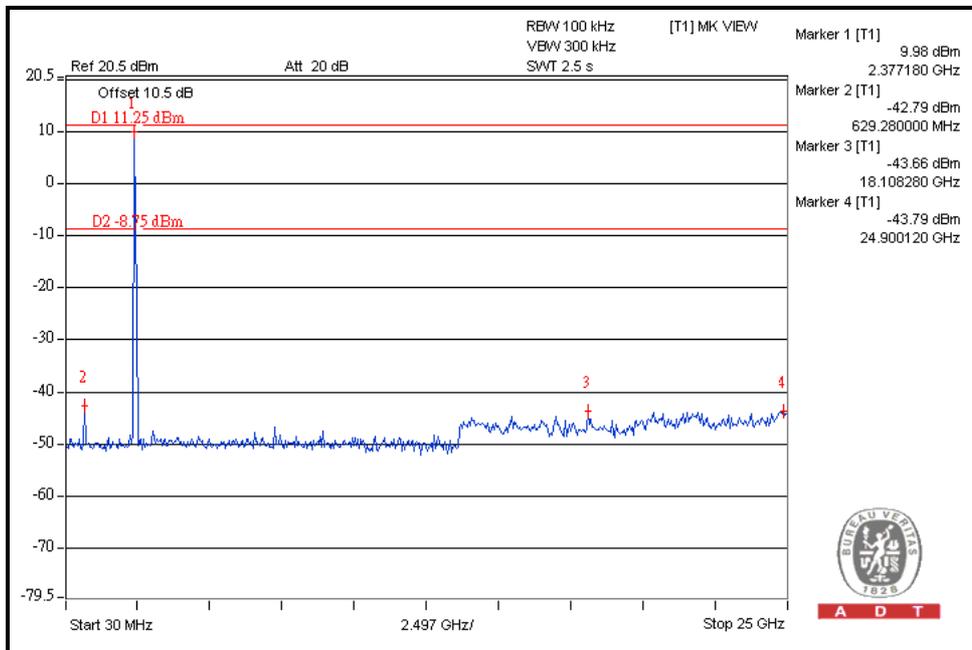
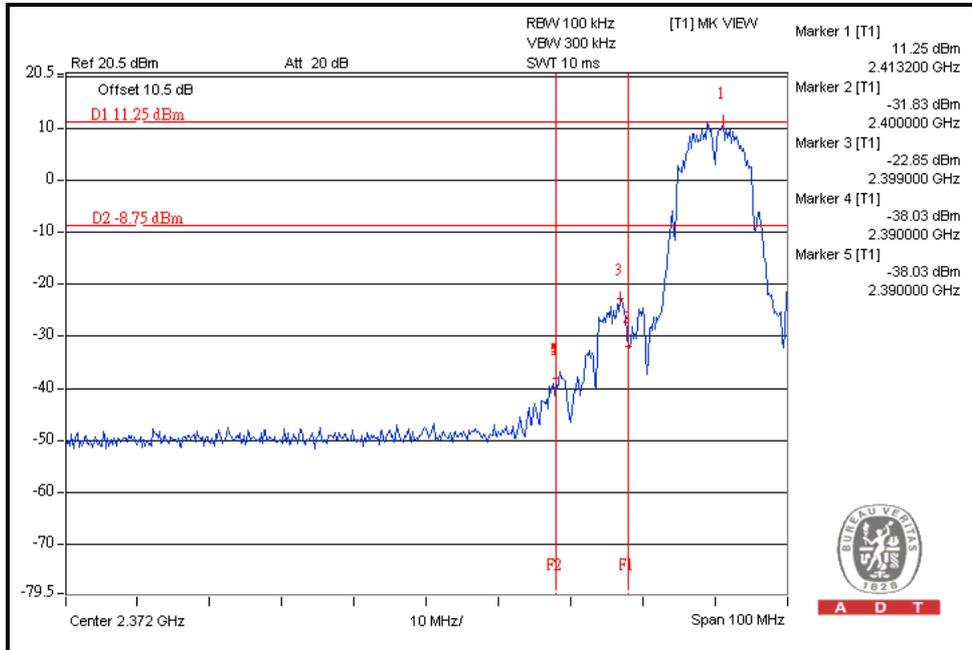
The spectrum plots are attached on the following images. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D1. It shows compliance with the requirement in part 15.247(d).



A D T

Single Chain(0) - 802.11b DSSS MODULATION:

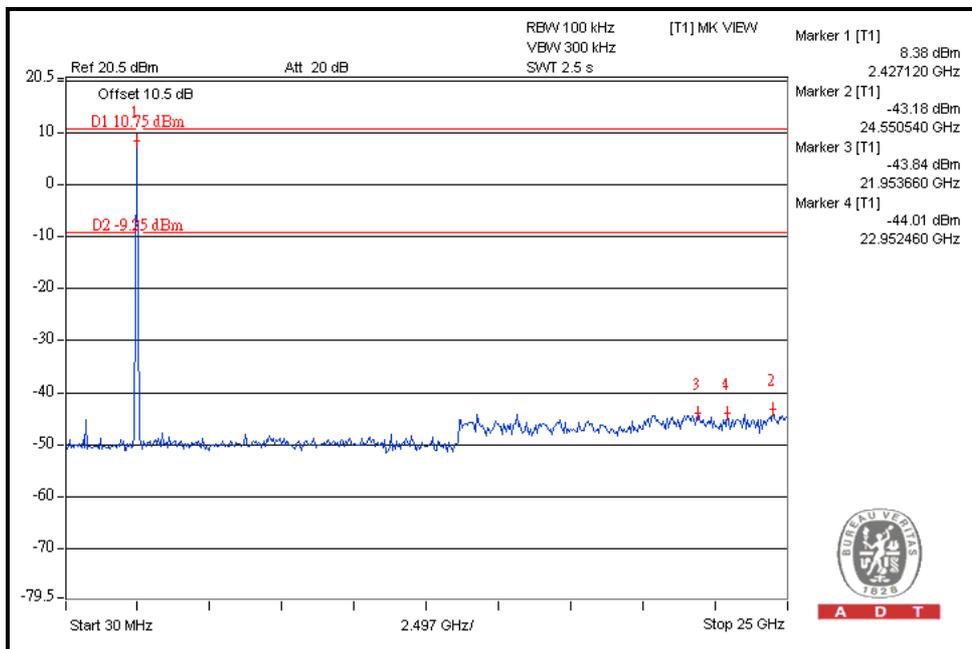
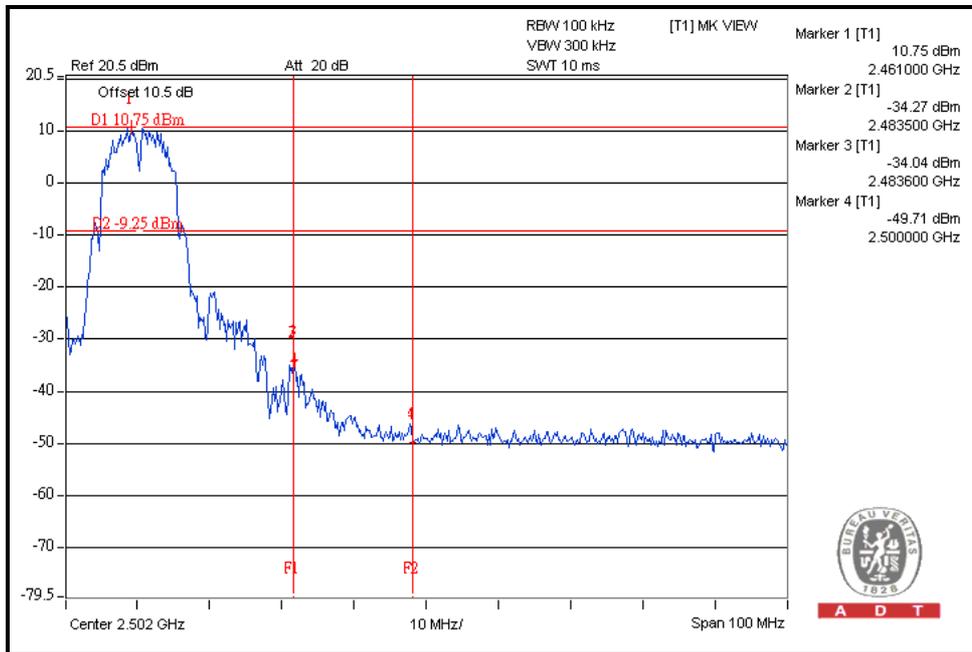
CH1





A D T

CH11

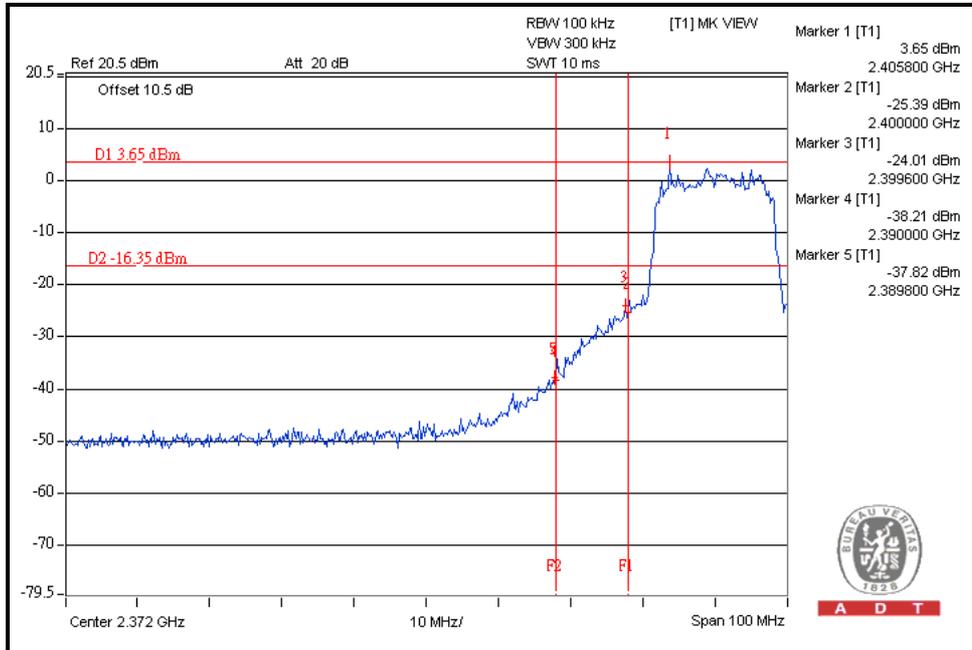




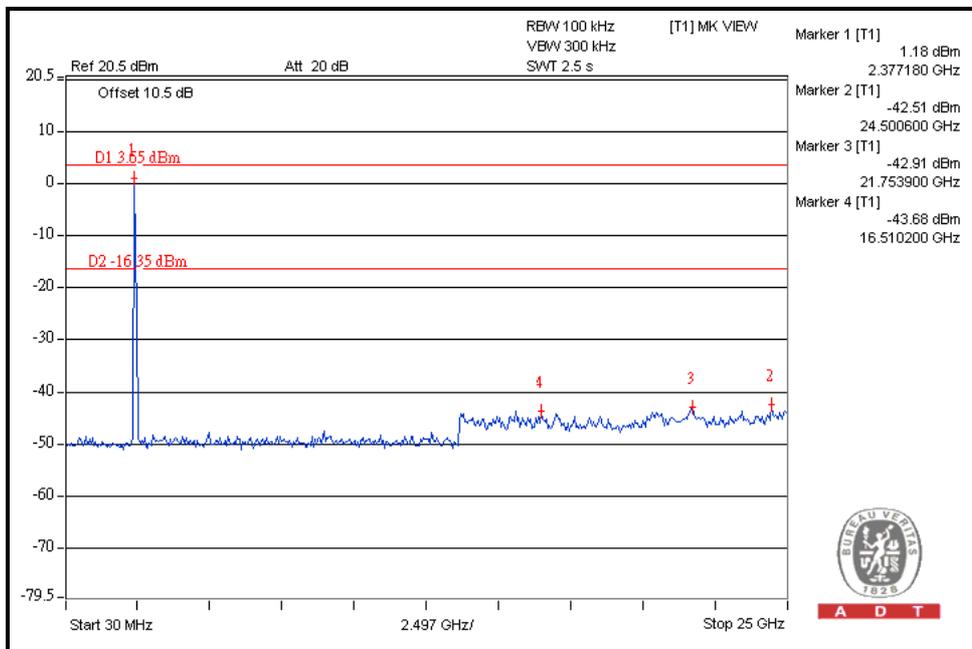
A D T

Single Chain(0) - 802.11g OFDM MODULATION:

CH1



A D T

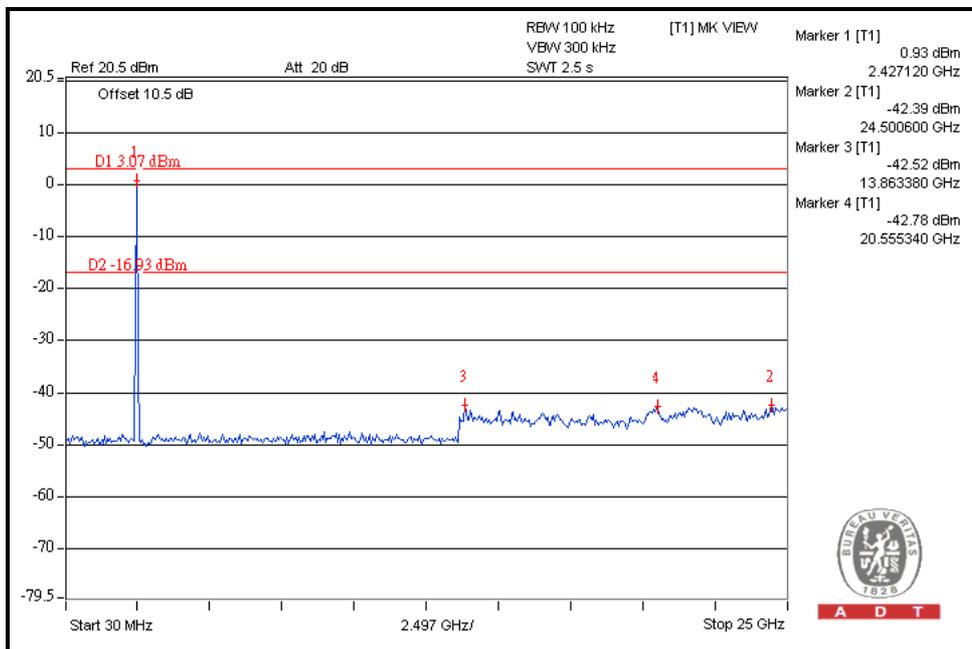
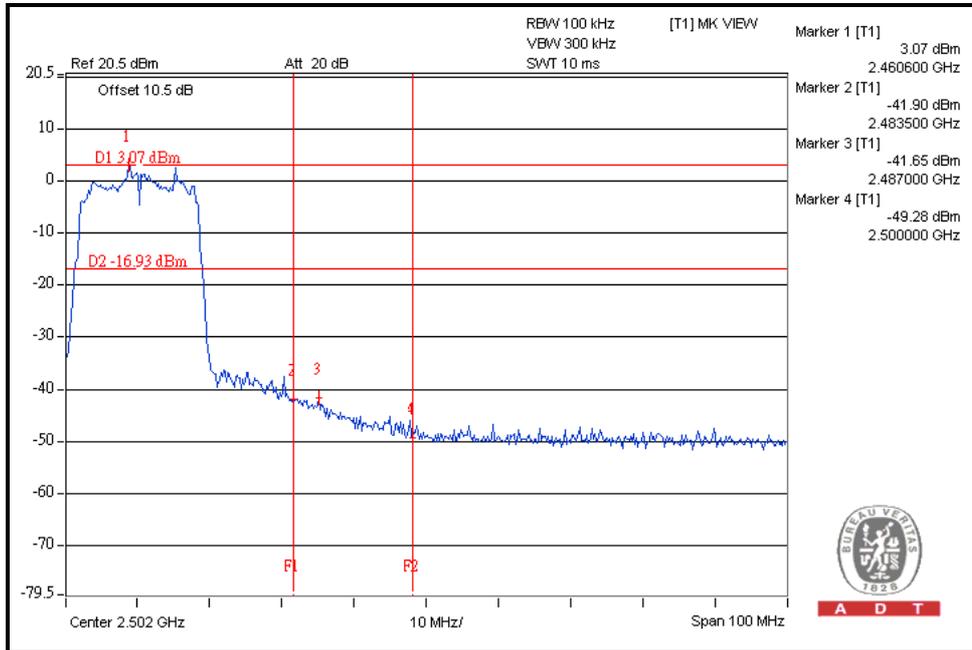


A D T



A D T

CH11

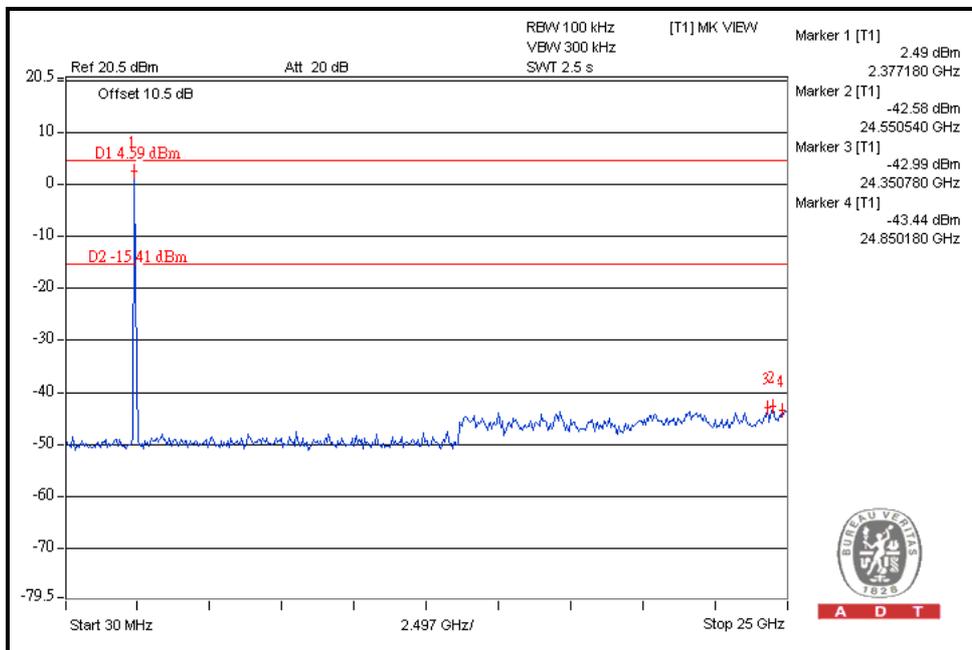
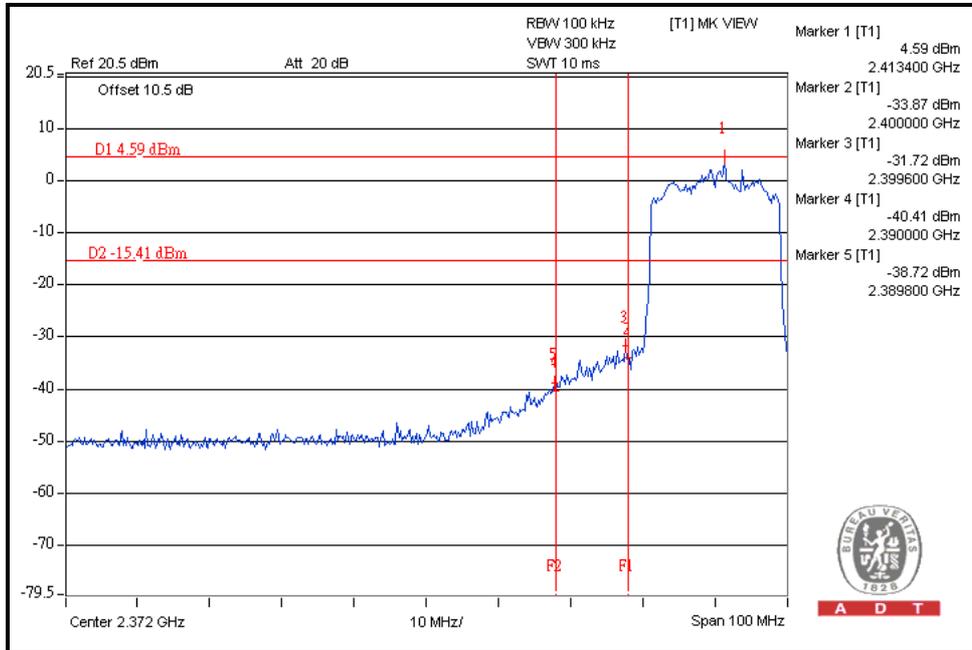




A D T

Single Chain(0) - 802.11n (20MHz) OFDM MODULATION:

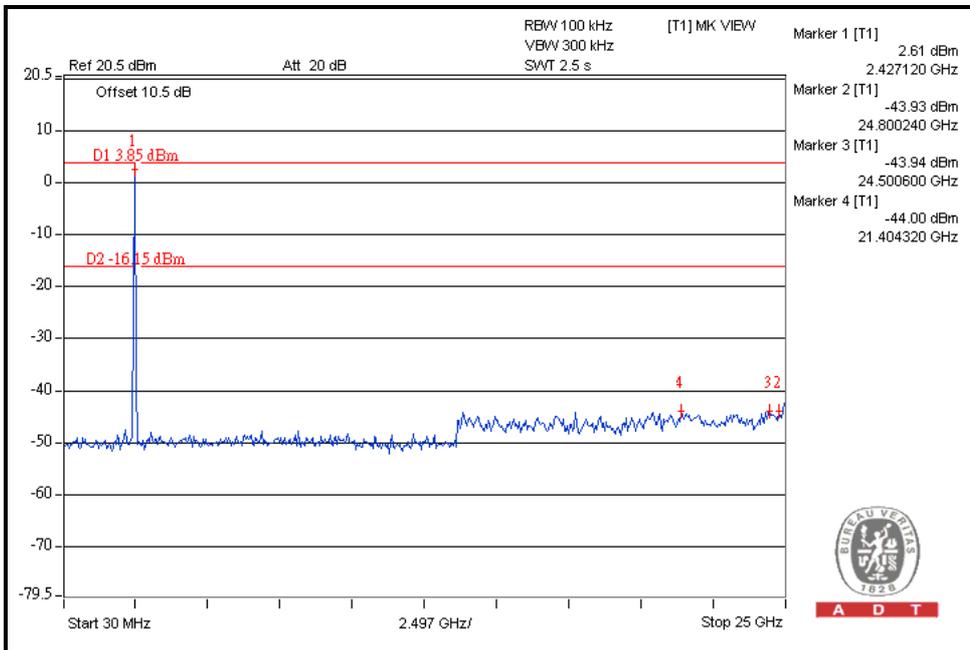
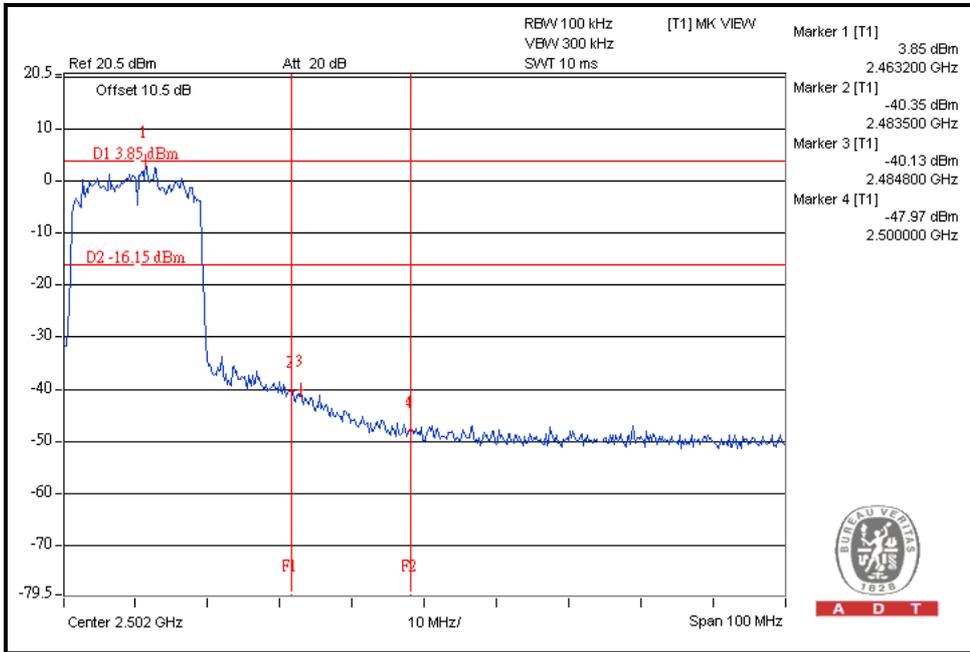
CH1





A D T

CH11

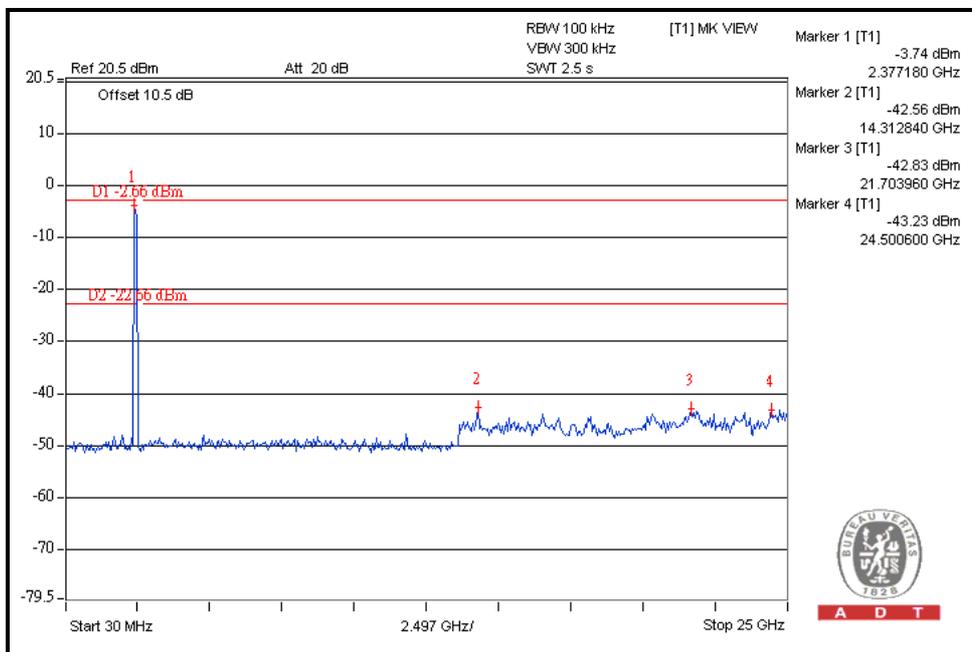
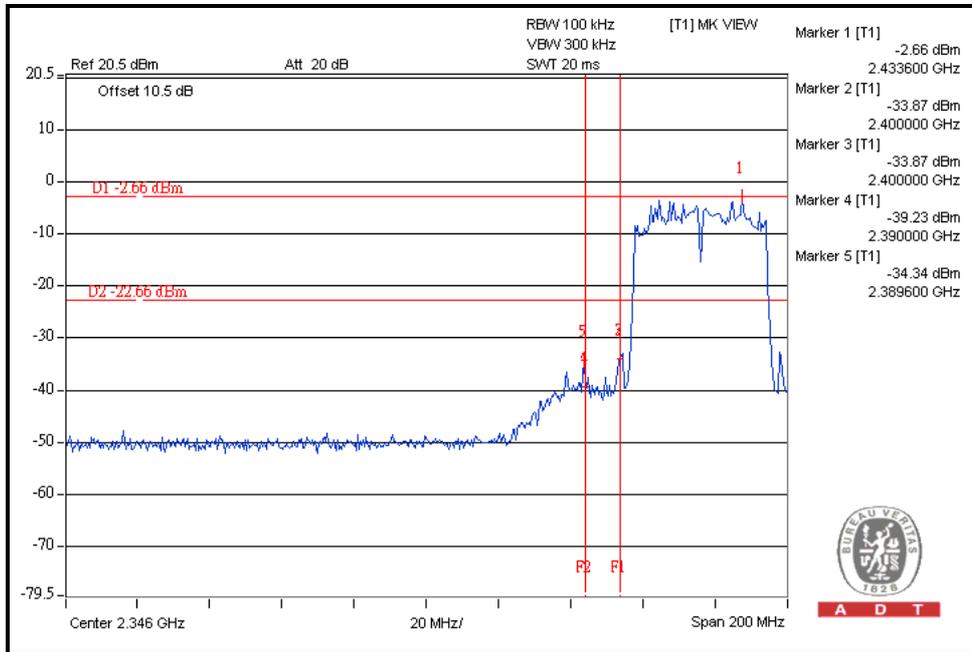




A D T

Single Chain(0) - 802.11n (40MHz) OFDM MODULATION:

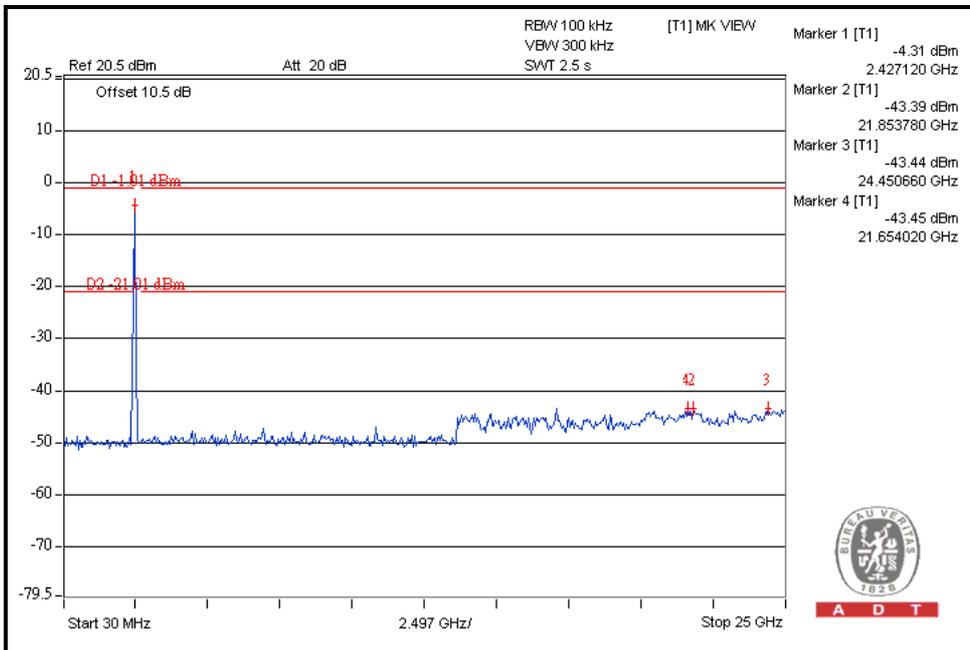
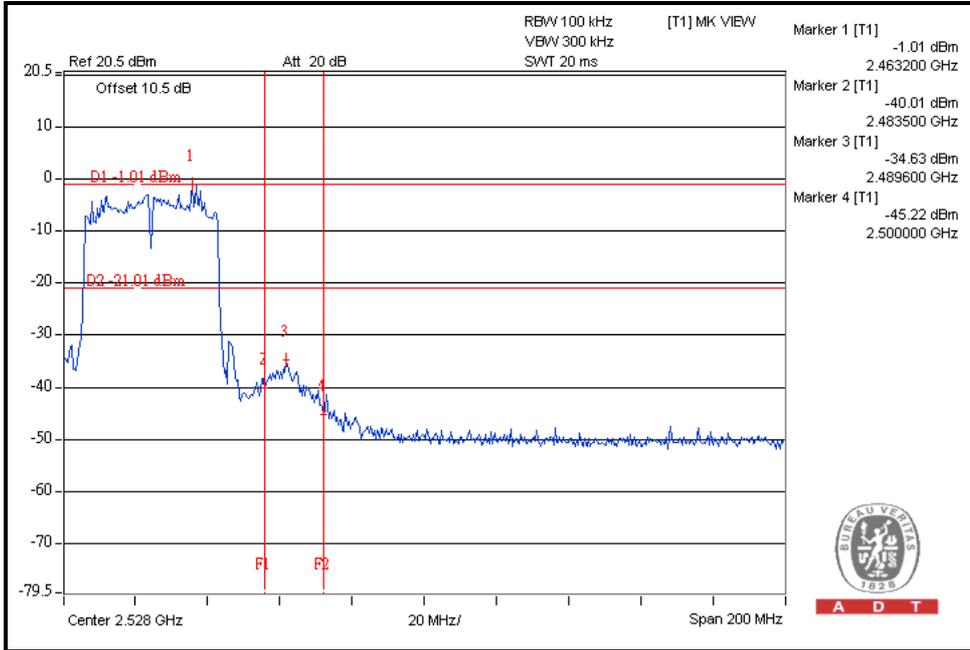
CH3





A D T

CH9

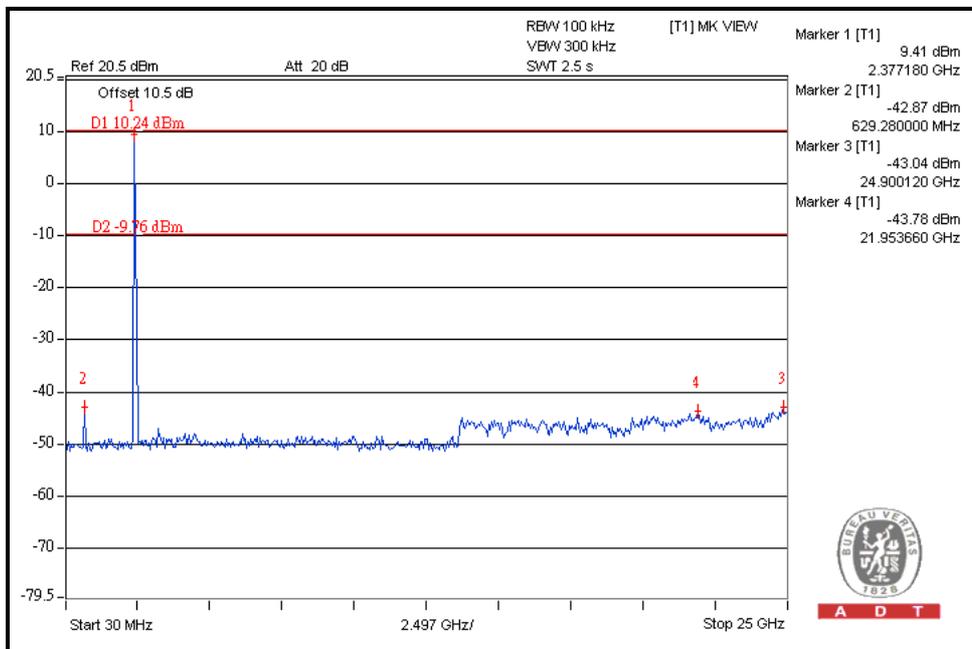
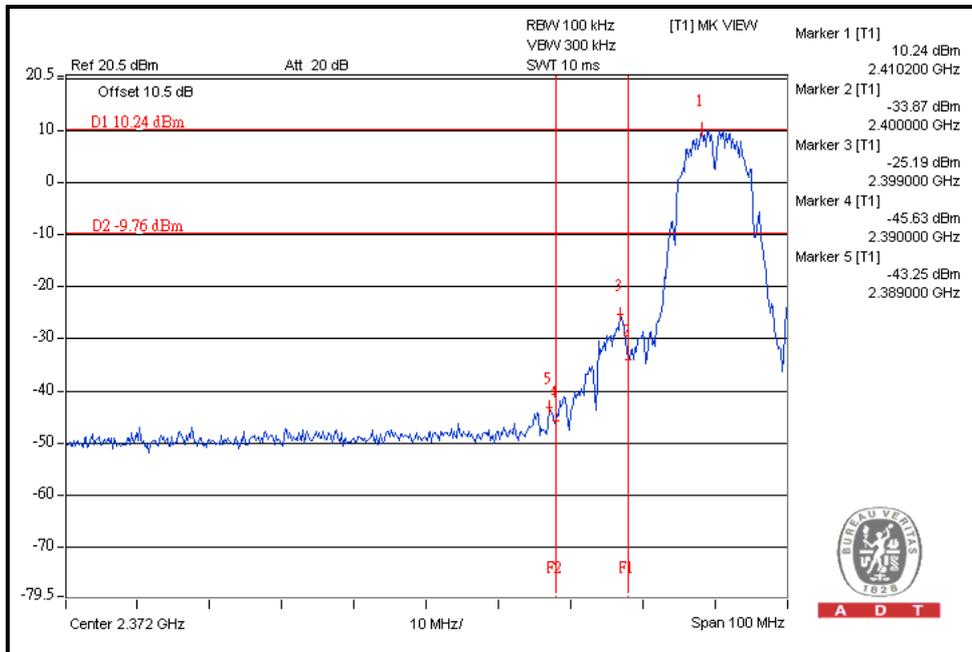




A D T

Single Chain(1) - 802.11b DSSS MODULATION:

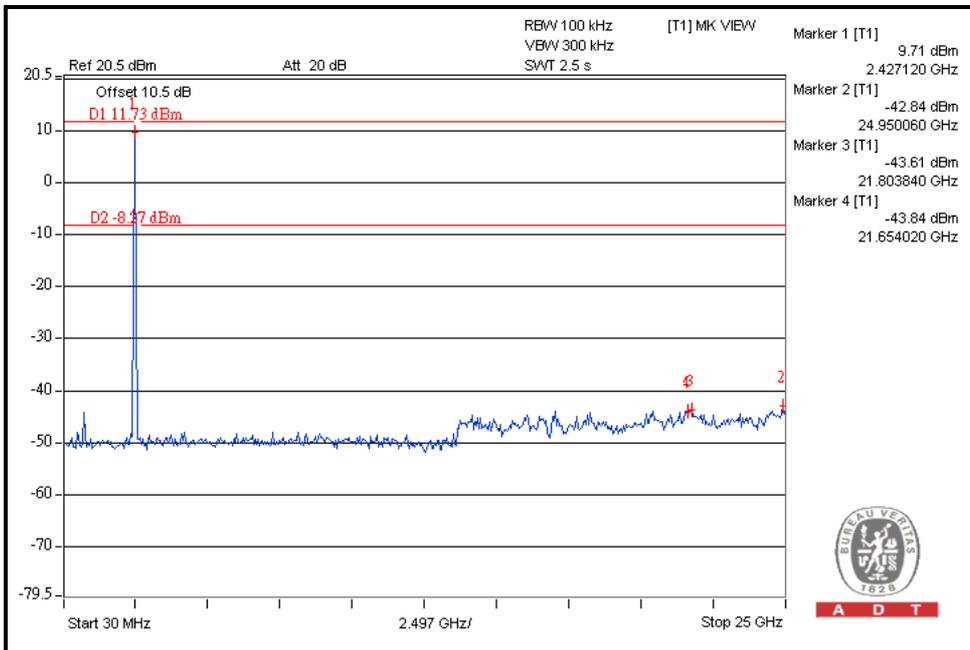
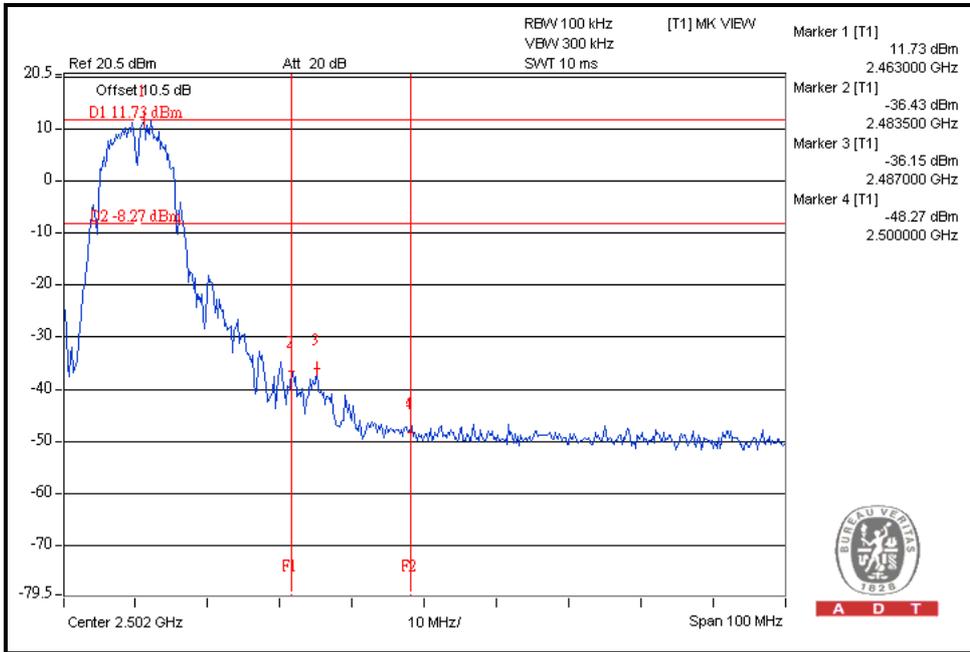
CH1





A D T

CH11

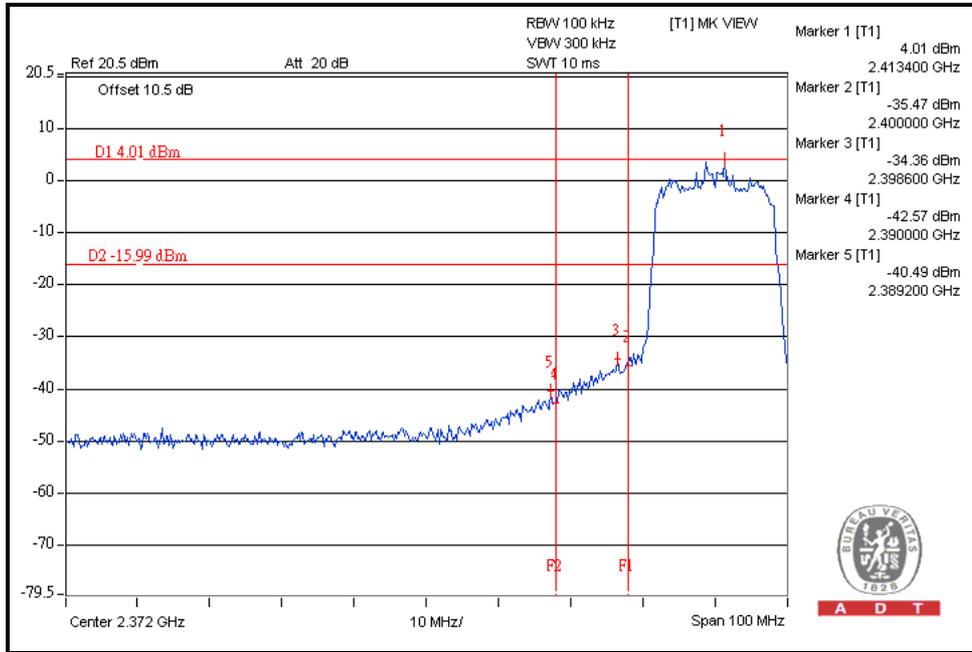




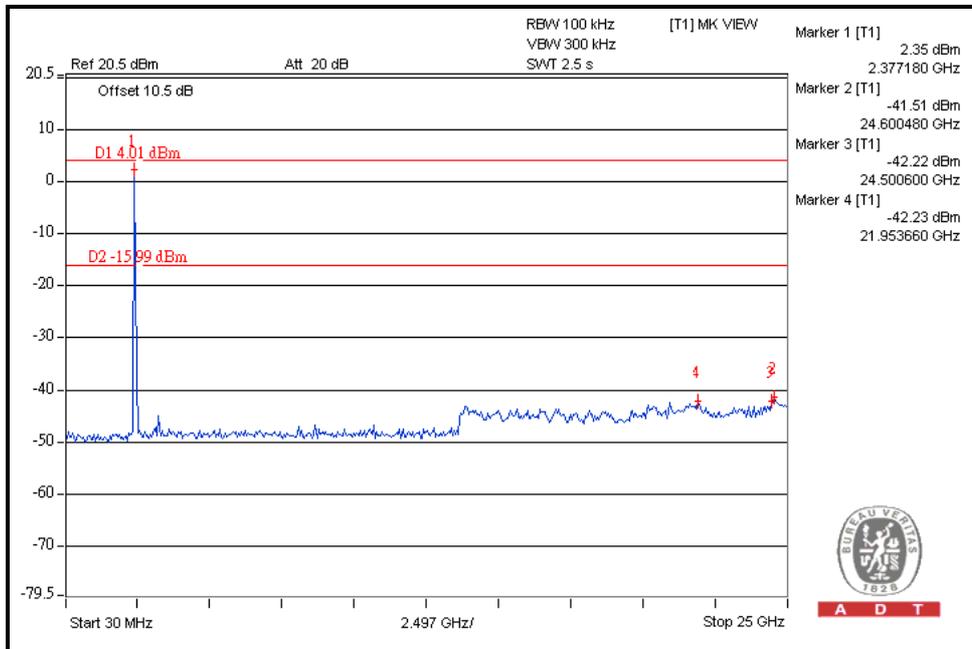
A D T

Single Chain(1) - 802.11g OFDM MODULATION:

CH1



A D T

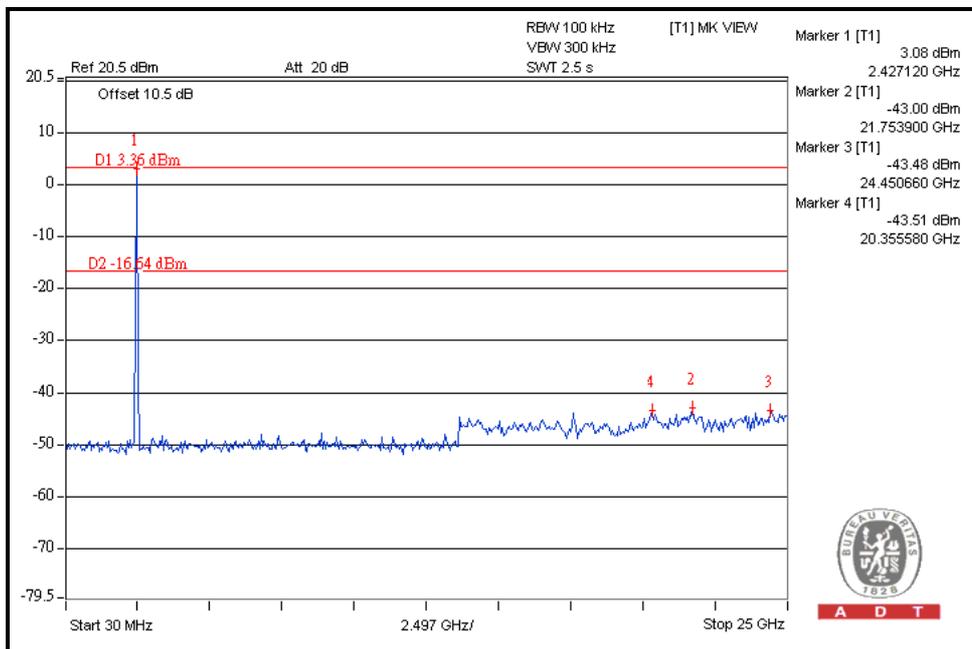
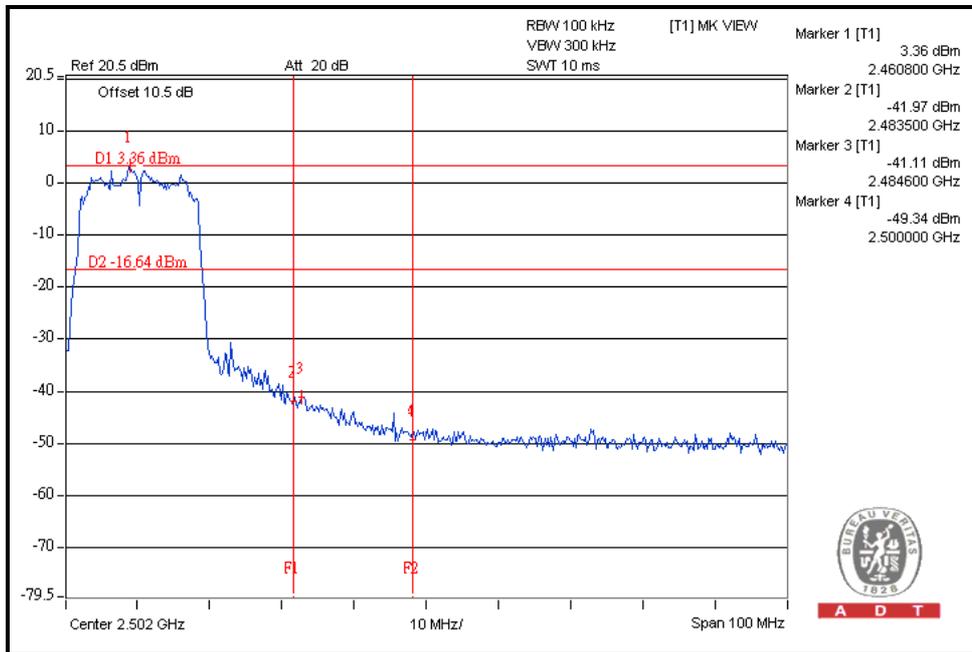


A D T



A D T

CH11

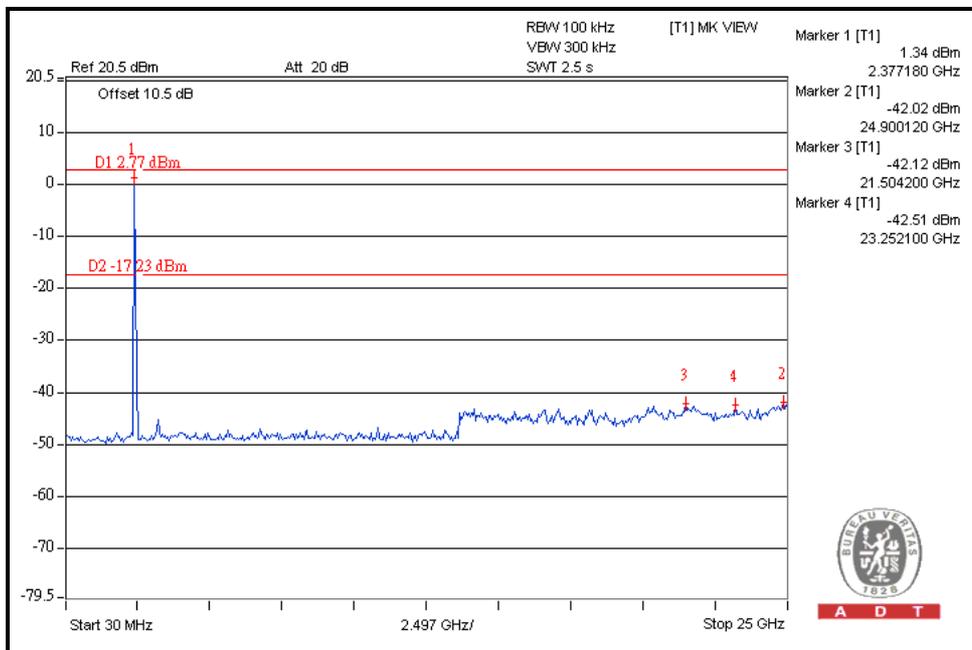
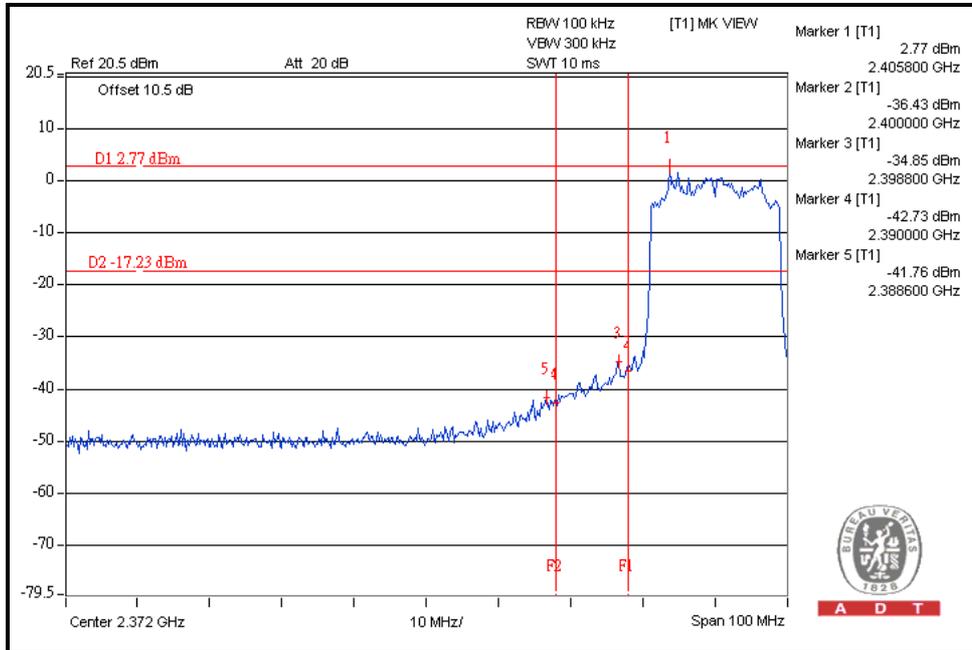




A D T

Single Chain(1) - 802.11n (20MHz) OFDM MODULATION:

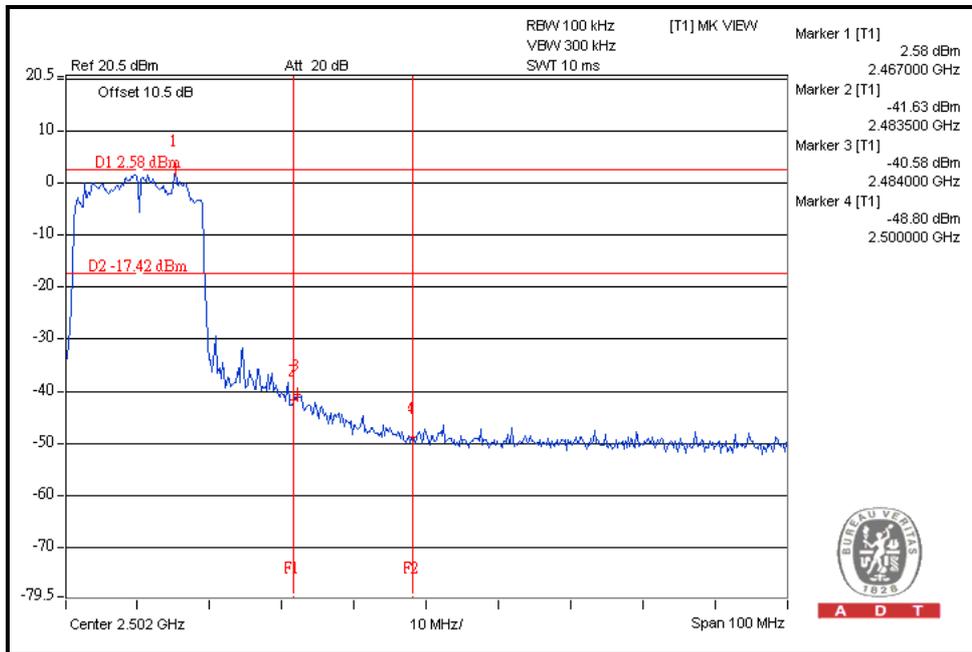
CH1



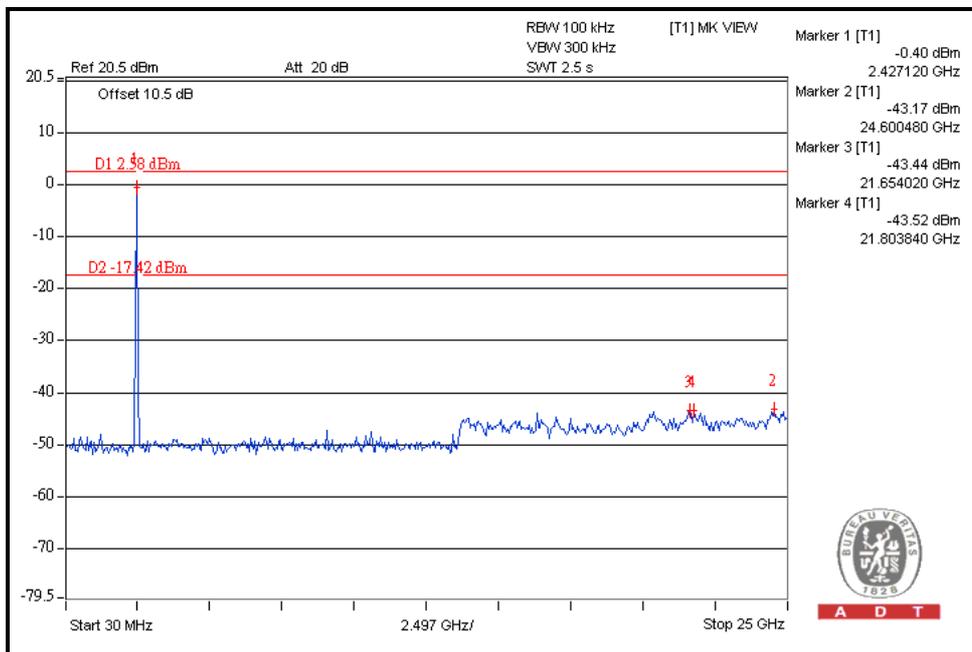


A D T

CH11



A D T



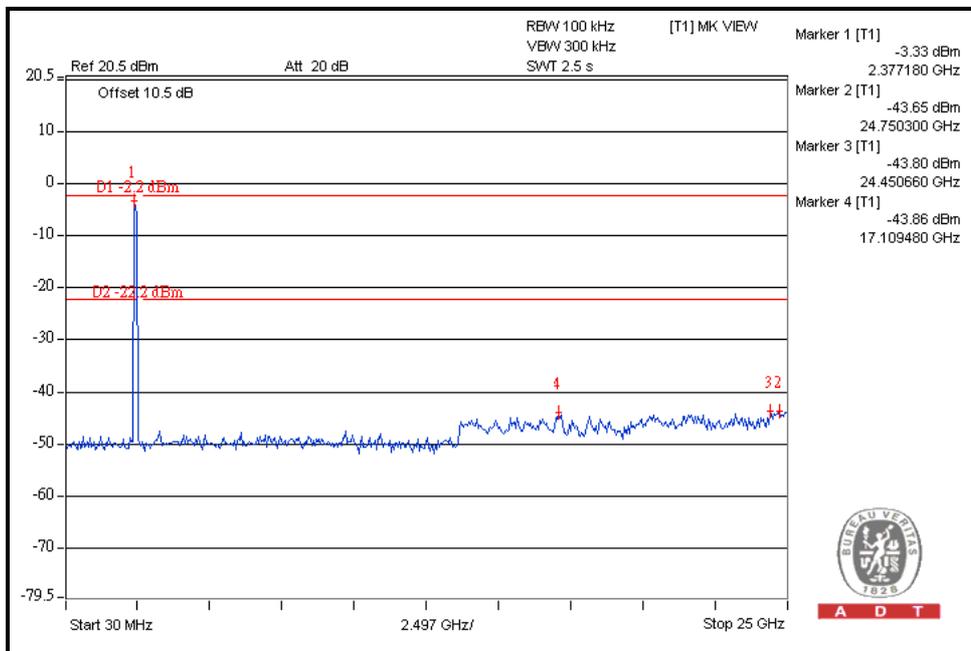
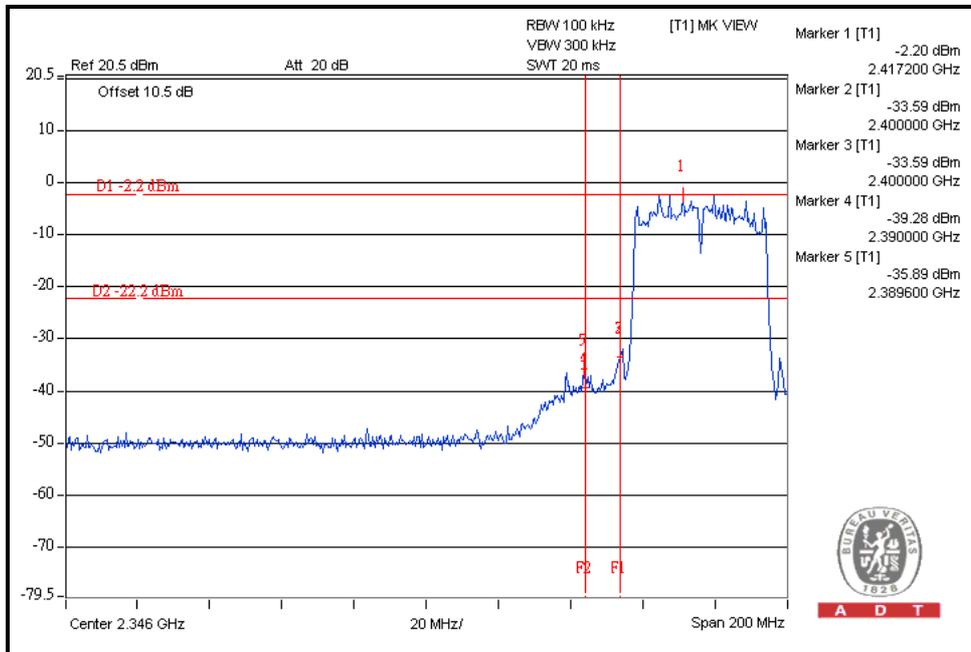
A D T



A D T

Single Chain(1) - 802.11n (40MHz) OFDM MODULATION:

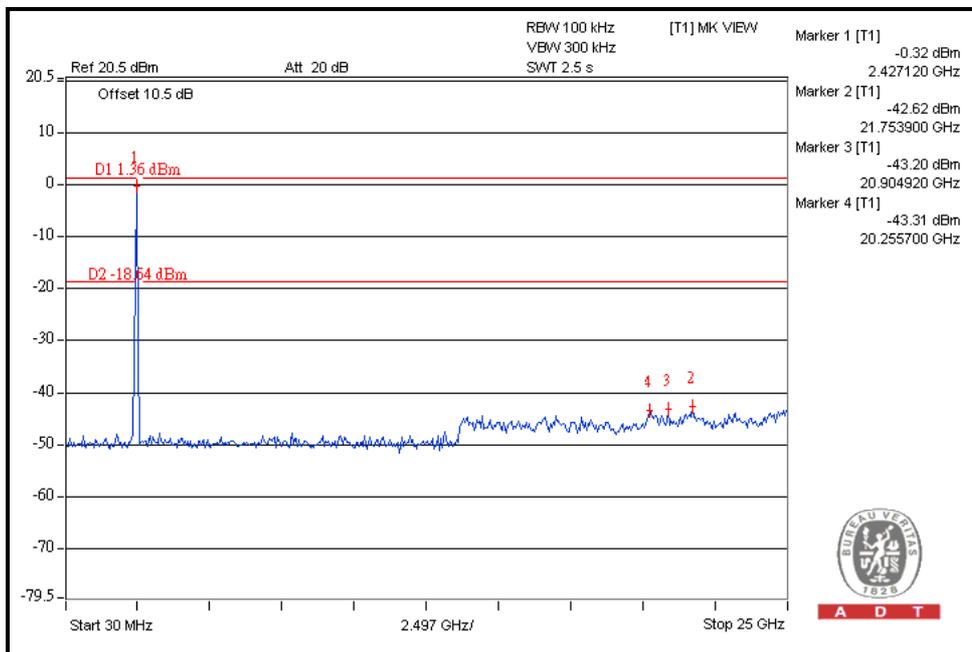
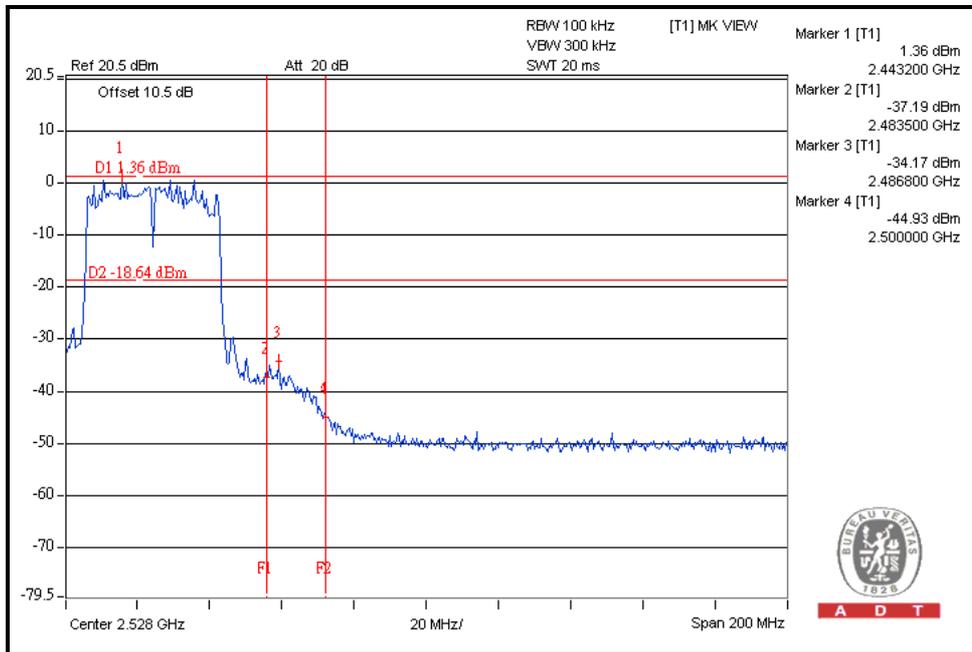
CH3





A D T

CH9

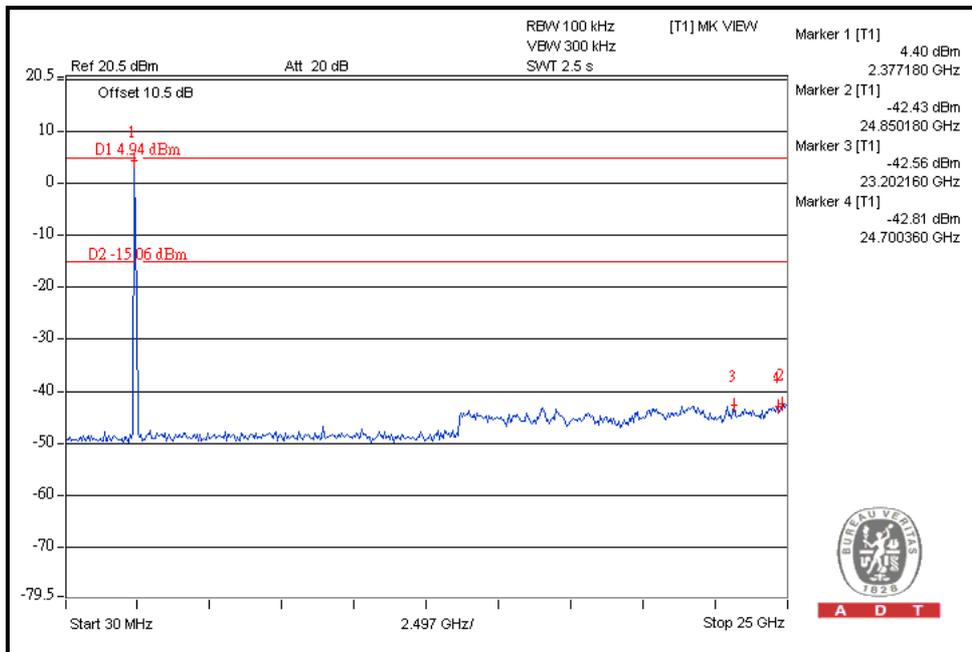
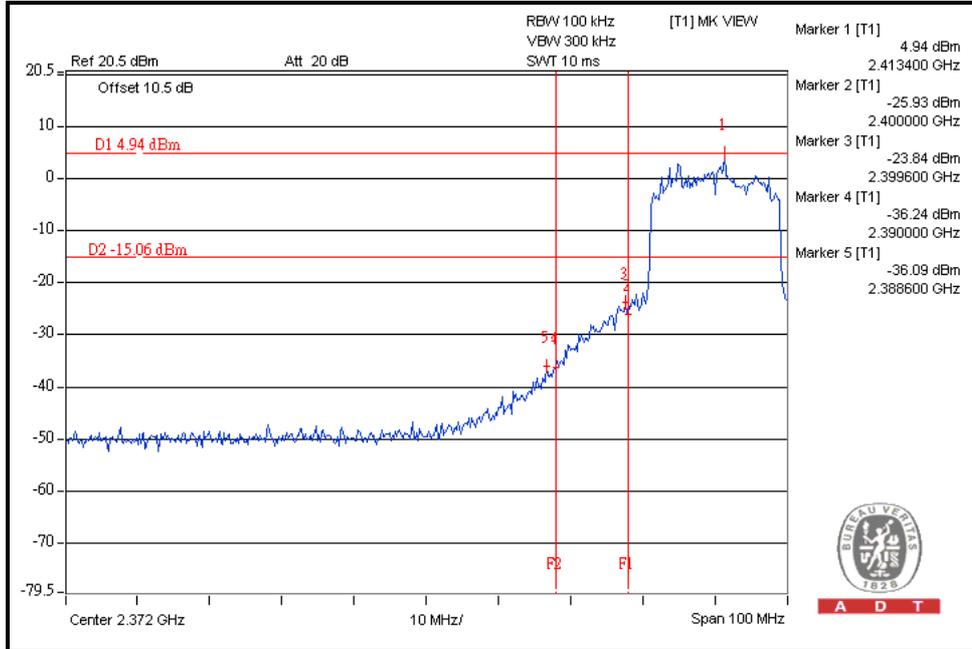




A D T

Multiple chain - 802.11n (20MHz) OFDM MODULATION:

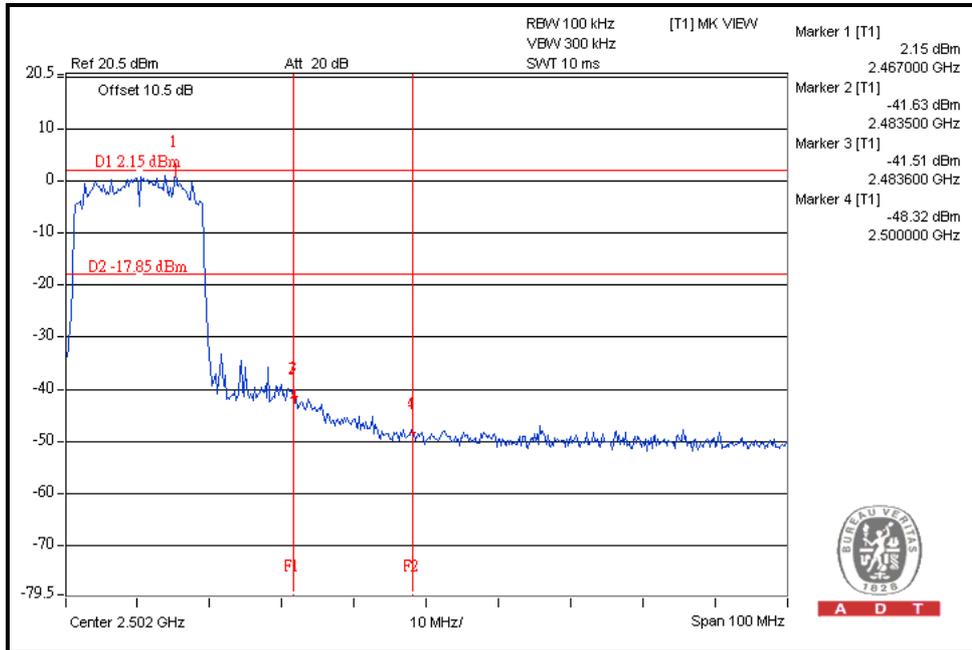
For Chain(0) CH1



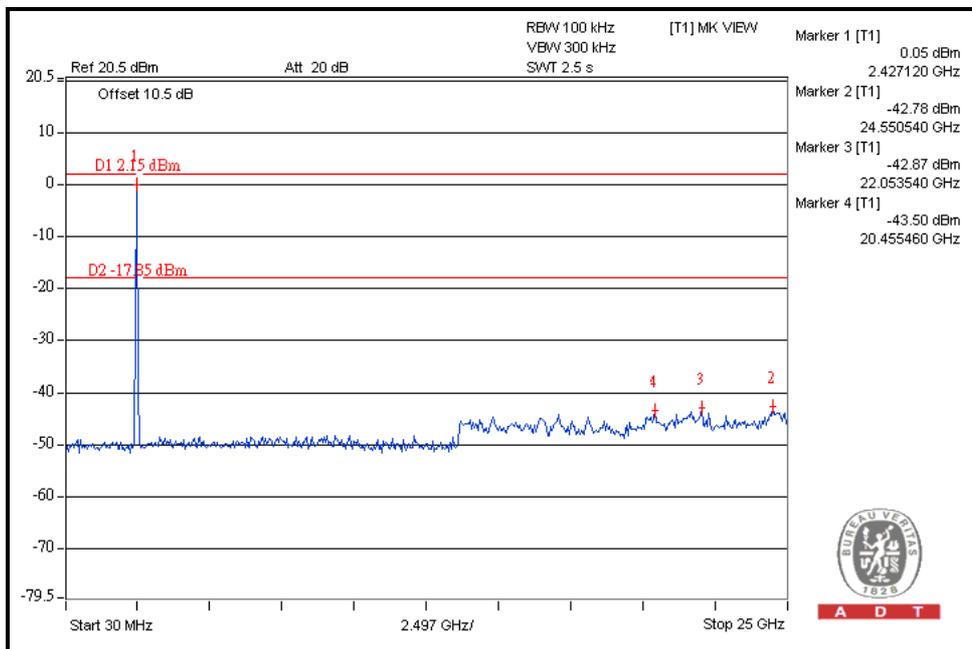


A D T

For Chain(0) CH11



A D T

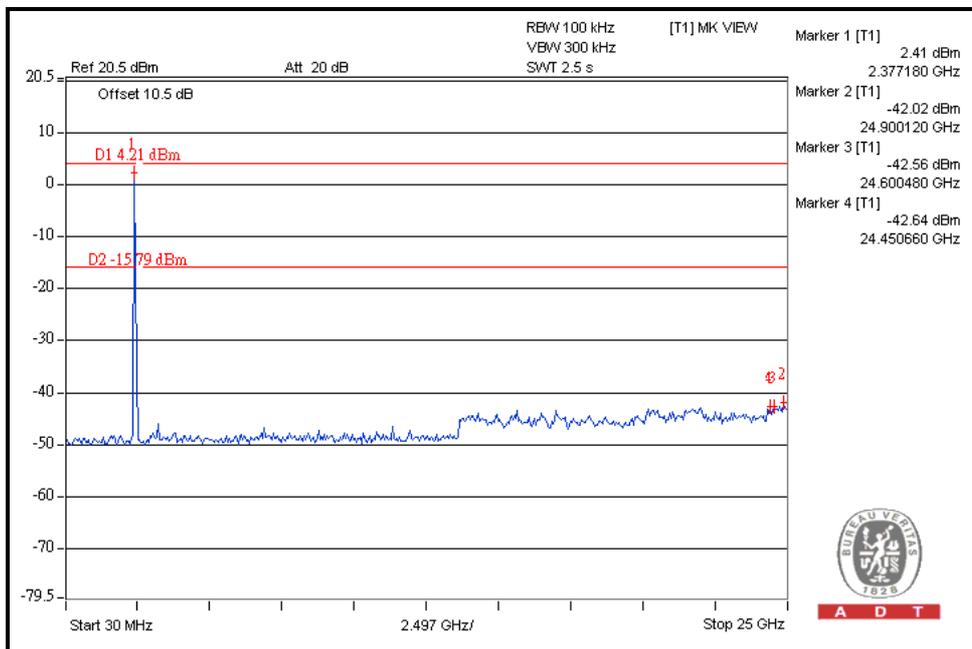
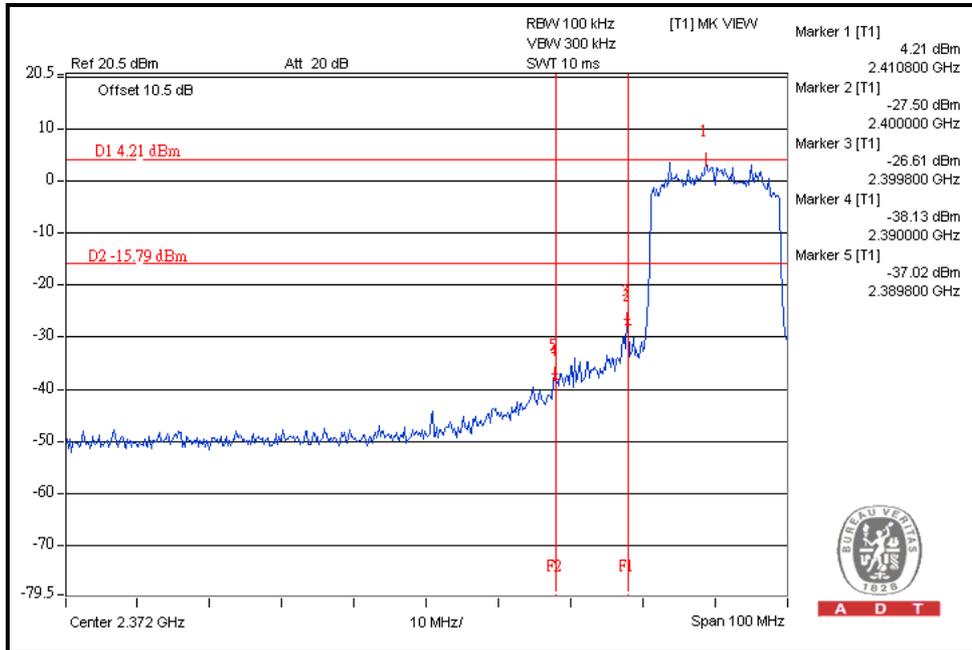


A D T



A D T

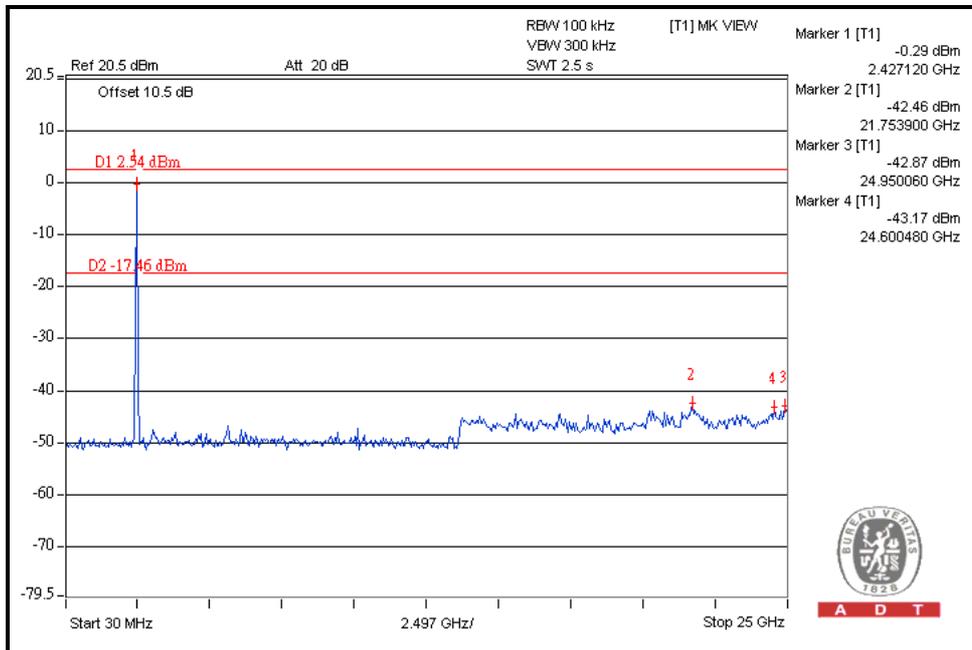
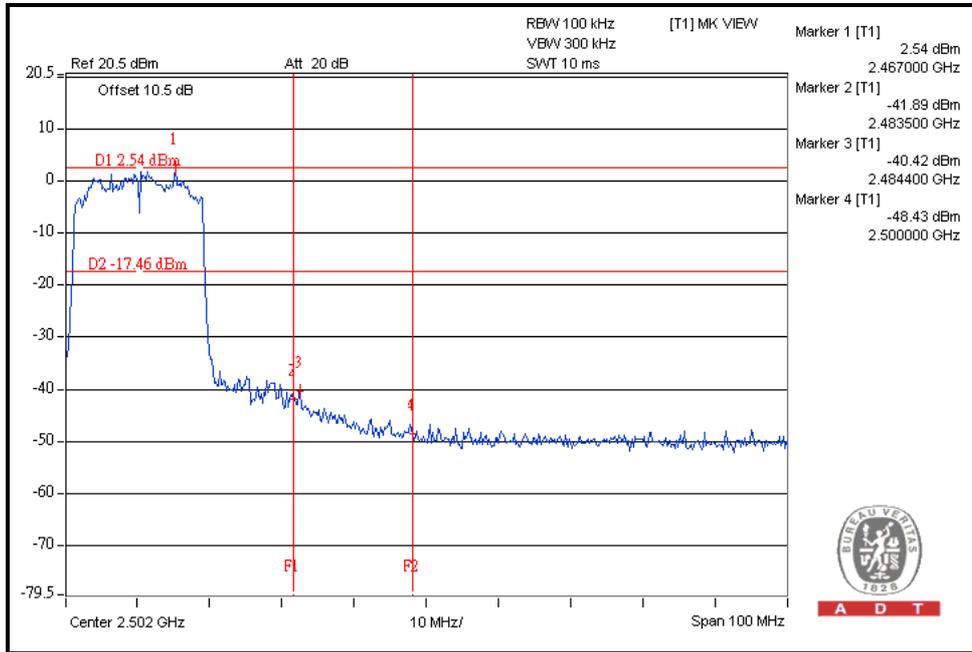
For Chain(1) CH1





A D T

For Chain(1) CH11

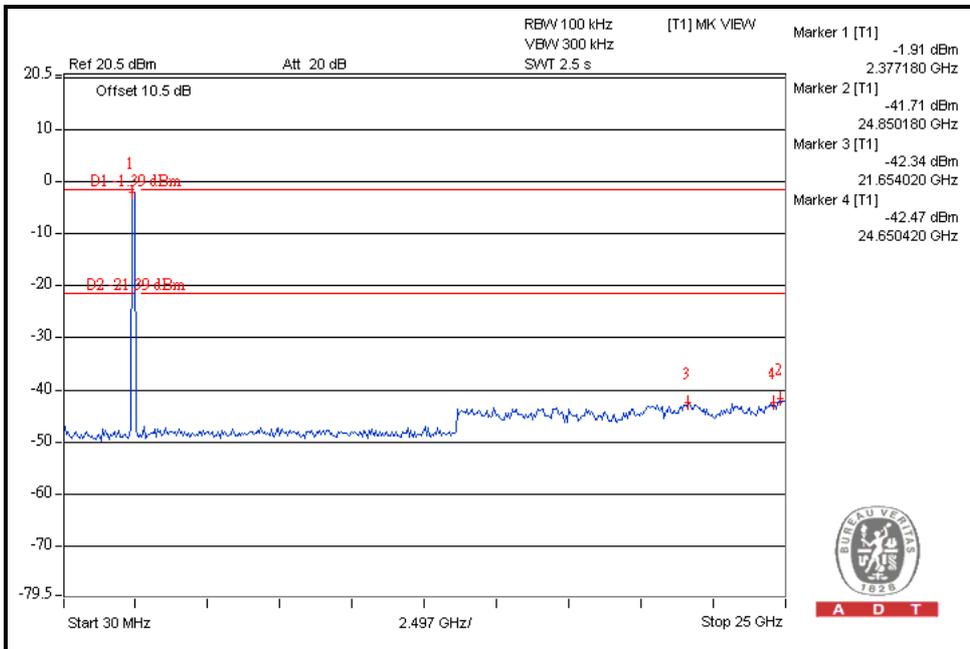
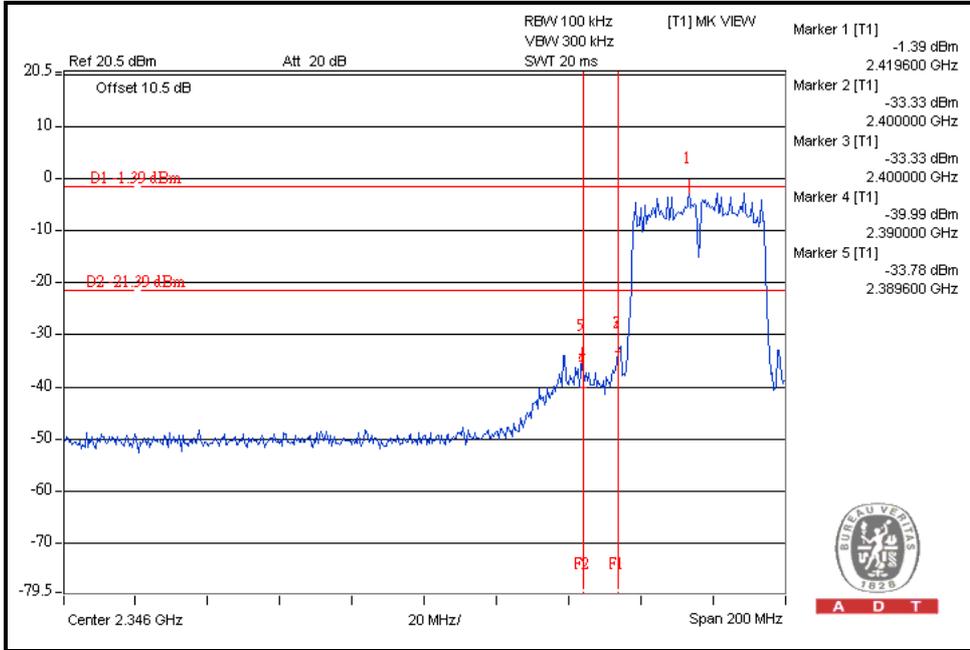




A D T

Multiple chain - 802.11n (40MHz) OFDM MODULATION:

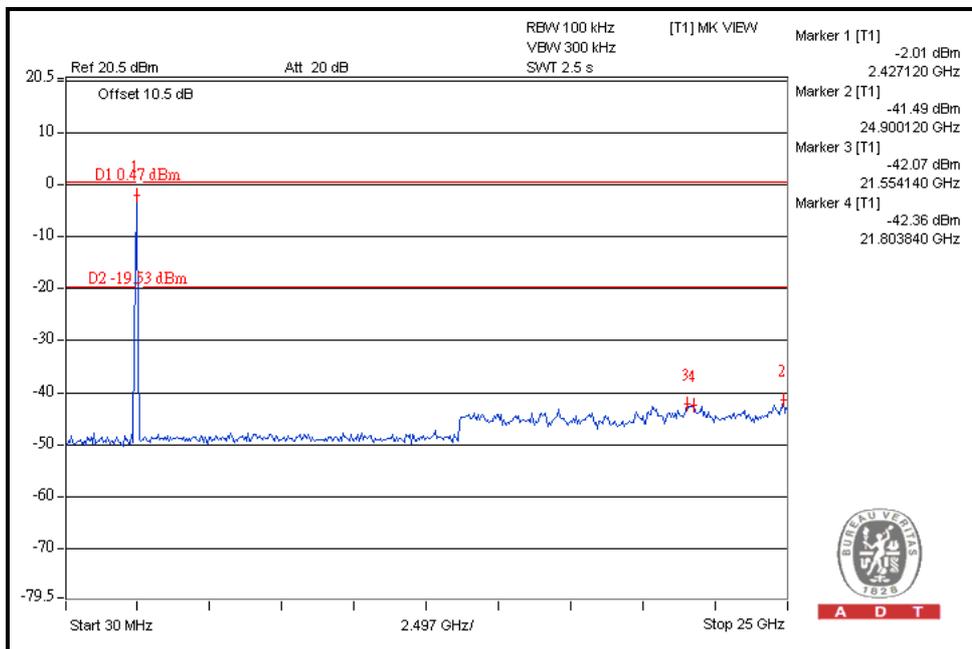
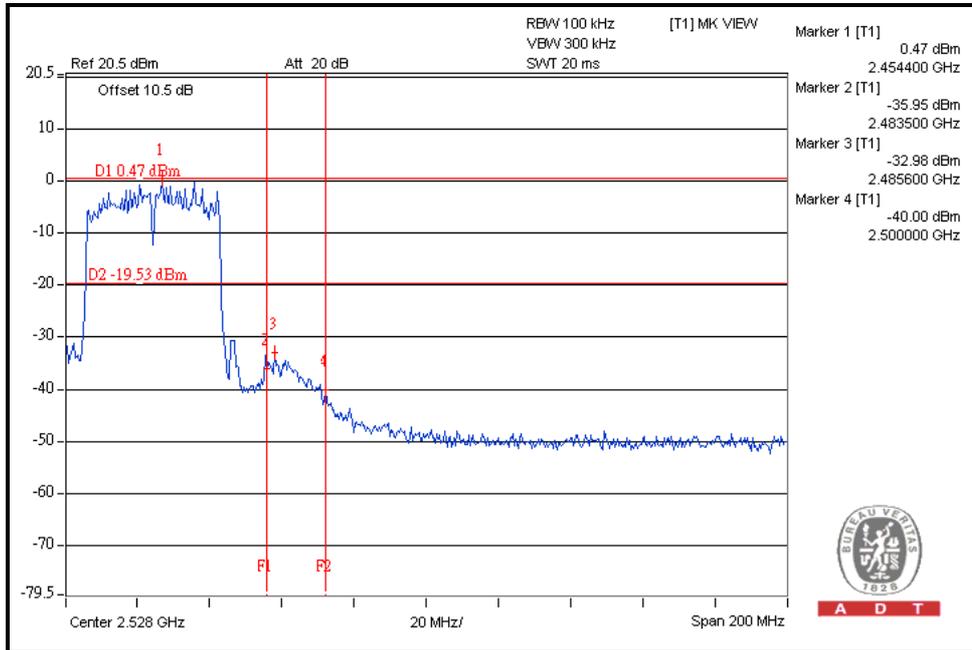
For Chain(0) CH3





A D T

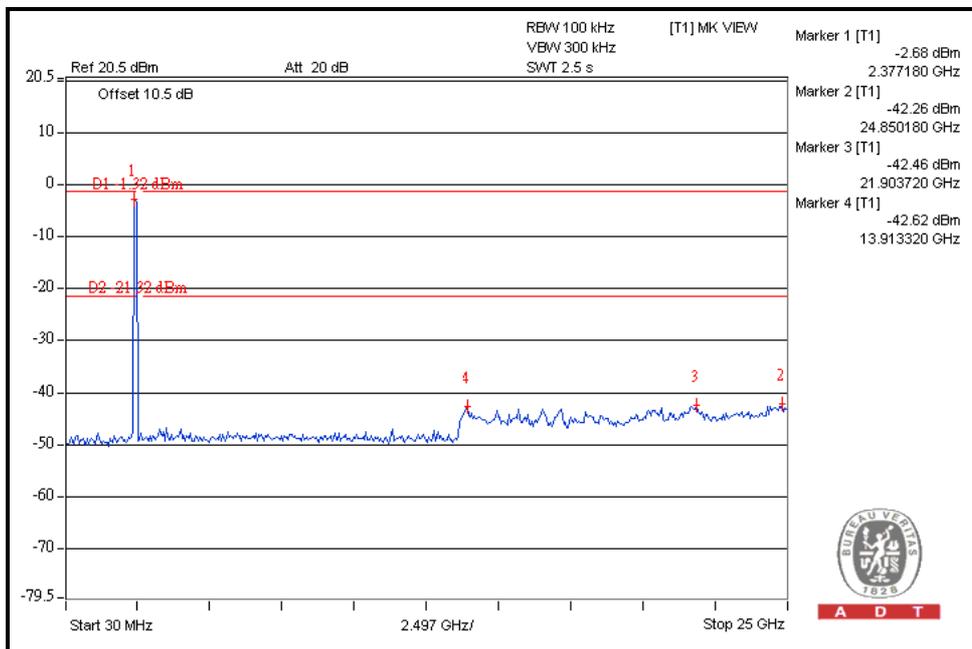
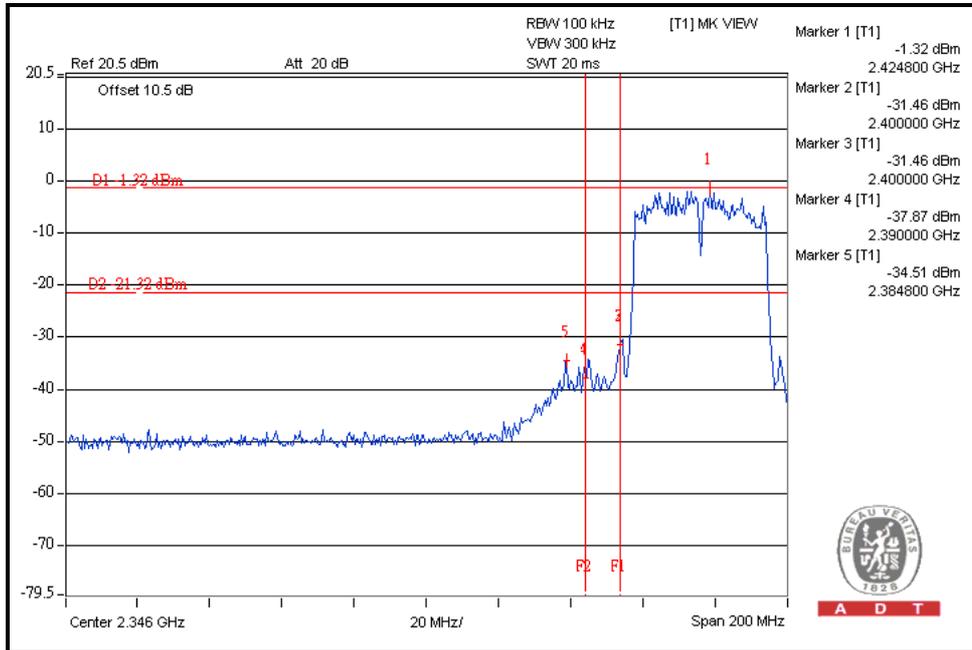
For Chain(0) CH9





A D T

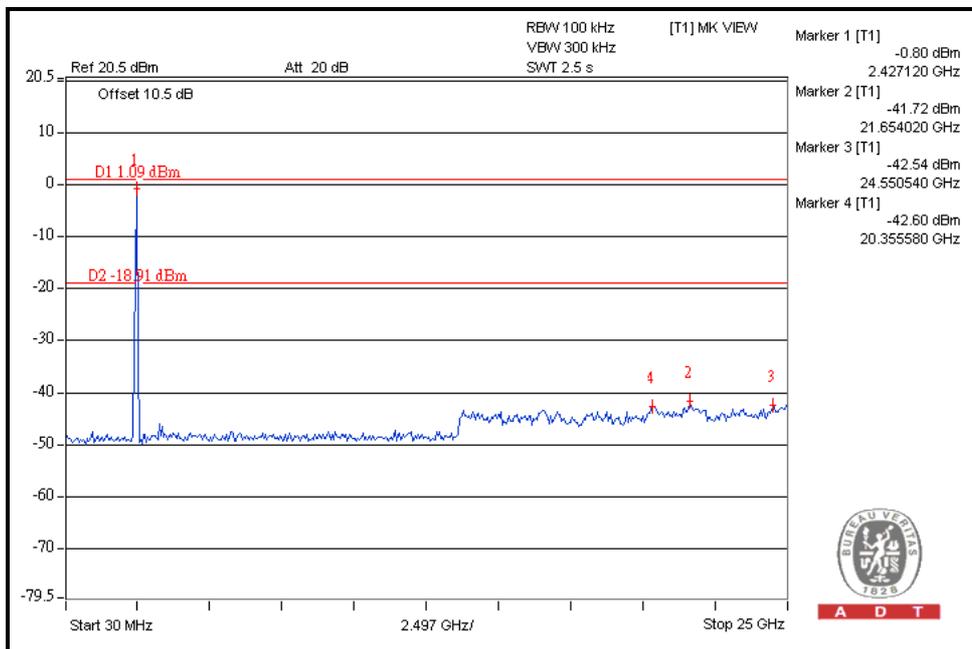
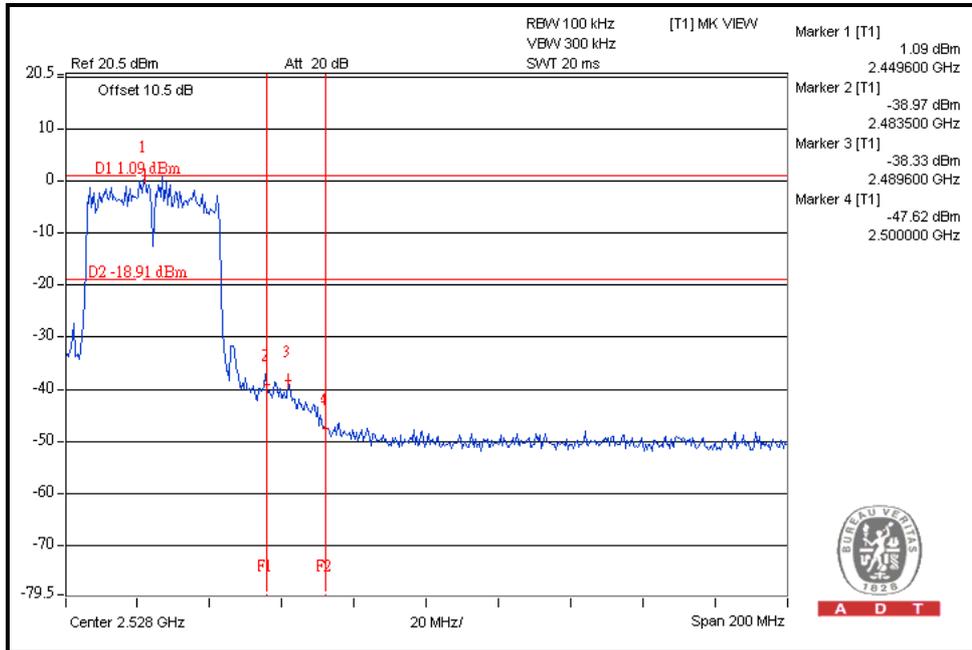
For Chain(1) CH3





A D T

For Chain(1) CH9





5. INFORMATION ON THE TESTING LABORATORIES

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Copies of accreditation certificates of our laboratories obtained from approval agencies can be downloaded from our web site: www.adt.com.tw/index.5.phtml. If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab:

Tel: 886-2-26052180

Fax: 886-2-26052943

Hsin Chu EMC/RF Lab:

Tel: 886-3-5935343

Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:

Tel: 886-3-3183232

Fax: 886-3-3185050

Email: service.adt@tw.bureauveritas.com

Web Site: www.adt.com.tw

The address and road map of all our labs can be found in our web site also.



A D T

6.APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

--- END ---