

## FCC COMPLIANCE REPORT

for

ZIONCOM TECHNOLOGY LIMITED

Wireless USB Adapter

Model Number: WL0149; US300EX Lite

Prepared for : ZIONCOM TECHNOLOGY LIMITED

Address : Building A1~A2,lantian Science and Technology Park,Xinyu Road  
Xinqiao Henggang Block Shajing Street,Baoan District,  
Shenzhen City

Prepared By : NS Technology Co., Ltd.

Address : Chenwu Industrial Zone, Houjie Town, Dongguan City,  
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Report Number : NSE-F10044653

Date of Test : Mar. 10~Mar . 28, 2010

Date of Report : Mar. 30, 2010



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# NS Technology Co., Ltd.

<b>Applicant:</b>	ZIONCOM TECHNOLOGY LIMITED		
<b>Address:</b>	Building A1~A2,lantian Science and Technology Park,Xinyu Road Xinqiao Henggang Block Shajing Street,Baoan District, Shenzhen City		
<b>Manufacturer:</b>	ZIONCOM TECHNOLOGY LIMITED		
<b>Address:</b>	Building A1~A2,lantian Science and Technology Park,Xinyu Road Xinqiao Henggang Block Shajing Street,Baoan District, Shenzhen City		
<b>E.U.T:</b>	Wireless USB Adapter		
<b>Model Number:</b>	WL0149; US300EX Lite		
<b>Trade Name:</b>	-----		
<b>Operating Frequency:</b>	IEEE802.11b 2412~2462MHz; IEEE802.11g 2412~2462MHz IEEE802.11n HT20:2412~2462MHz;IEEE802.11n HT40:2422~2452MHz		
<b>Date of Receipt:</b>	Mar.4, 2010	<b>Date of Test:</b>	Mar. 10~Mar . 28, 2010
<b>Test Specification:</b>	FCC Part 15 Subpart C: Oct. 2009 ANSI C63.4:2003		
<b>Test Result:</b>	The equipment under test was found to be compliance with the requirements of the standards applied.		
<b>Issue Date: Mar.30, 2010</b>			
Tested by:	Reviewed by:	Approved by:	
Jade/ Engineer	Iceman Hu / Supervisor	Steven Lee / Manager	
<b>Other Aspects:</b> None.			
Abbreviations: OK/P=passed      fail/F=failed      n.a/N=not applicable      E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of NS Technology Co., Ltd.			



# 1. GENERAL PRODUCT INFORMATION

## 1.1. Product Function

Details please refer to Technical Construction Form and User Manual.

## 1.2. Description of Device (EUT)

E.U.T.	: Wireless USB Adapter
Model No.	: WL0149
Operating Frequency	: 2412~2462MHz
Number of Channels	: IEEE 802.11b/g,802.11n HT20:11 Channels IEEE 802.11n HT40:7 Channels
Type of Modulation	: DSSS for IEEE 802.11b, OFDM for IEEE 802.11g and IEEE 802.11n
Data Rate	: IEEE 802.11b:11/5.5/2/1M bps IEEE 802.11g:54/48/36/24/18/12/9/6Mbps IEEE 802.11n HT20:130/117/104/78/65/58.5/52/39/26/ 19.5/13/6.5Mbps IEEE 802.11n HT40:135/121.5/108/81/54/40.5/ 27/13.5Mbps
Antenna Type	: internal
Antenna Gain	: 2dBi
System Input Voltage	: DC 5V from PC input AC 120V/60Hz
Temperature Range	: 0 ~+ 40°C

## 1.3. Difference between Model Numbers

*Note :The products are different only for model number,But the others are identical.*

## 1.4. Independent Operation Modes

The basic operation modes are:

- 1.4.1. IEEE 802.11b; TX CH1 (2412MHz)
- 1.4.2. IEEE 802.11b; TX CH 6 (2437MHz)
- 1.4.3. IEEE 802.11b; TX CH11 (2462MHz)
- 1.4.4. IEEE 802.11g; TX CH1 (2412MHz)
- 1.4.5. IEEE 802.11g; TX CH 6 (2437MHz)
- 1.4.6. IEEE 802.11g; TX CH11 (2462MHz)
- 1.4.1. IEEE 802.11n HT20; TX CH1 (2412MHz)
- 1.4.2. IEEE 802.11n HT20; TX CH 6 (2437MHz)
- 1.4.3. IEEE 802.11n HT20; TX CH11 (2462MHz)
- 1.4.4. IEEE 802.11n HT40; TX CH1 (2422MHz)
- 1.4.5. IEEE 802.11n HT40; TX CH 4 (2437MHz)
- 1.4.6. IEEE 802.11 HT40n; TX CH7 (2452MHz)



## 1.5. Test Supporting System

### 1.5.1. PC

Model Number	:	a6608cn
Serial Number	:	3CR8382430
Manufacturer	:	HP
Data Cable	:	Shielded, Detachable, 1.5m
Power Cord	:	Unshielded, Detachable, 1.5m

### 1.5.2. Monitor

Model Number	:	KB744AA
Serial Number	:	3CR8382430
Manufacturer	:	HP
Data Cable	:	Shielded, Detachable, 1.5m
Power Cord	:	Shielded, Detachable, 1.5m

### 1.5.3. Keyboard

Model Number	:	SK-8115
Serial Number	:	CN-0DJ313-91D-0AE4
Manufacturer	:	HP

### 1.5.4. HDD

Model Number	:	4D040H2
Serial Number	:	D24KGSAE
Manufacturer	:	MAXTOR

### 1.5.5. Mouse

Model Number	:	M056UO
Manufacturer	:	DELL
Data Cable	:	Shielded, Undetachable, 1.8m



## 2. TEST SITES

### 2.1. Test Facilities

EMC Lab : Certificated by TUV Rheinland, Germany.  
Date of registration: July 28, 2003

Certificated by FCC, USA  
Registration No.: 502831  
Date of registration: February 09, 2009

Certificated by VCCI, Japan  
Registration No.: R-2527 & C-2770  
Date of registration: March 23, 2007

Certificated by CNAL, CHINA  
Registration No.: L1744  
Date of registration: November 25, 2004

Certificated by Intertek ETL SEMKO  
Registration No.: TMP-013  
Date of registration: June 11, 2005

Certificated by TUV/PS, Hong Kong  
Date of registration: December 1, 2005

Certificated by Industry Canada  
Registration No.: 5936A  
Date of registration: March 4, 2009

Certificated by ATCB, America  
Date of registration: August 03, 2006

Name of Firm : NS Technology Co., Ltd.

Site Location : Chenwu Industrial Zone, Houjie Town, Dongguan City,  
Guangdong, China



## 2.2. List of Test and Measurement Instruments

### 2.2.1. For conducted emission at the mains terminals test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESCS30	100340	May 31,09	May 31,10
Artificial Mains Network	Rohde&Schwarz	ESH3-Z5	100317	May 31,09	May 31,10
Artificial Mains Network (AUX)	Kyoritsu	KNW-407	8-1579-1	Jan.19,09	Jan.19,11
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100168	May 2,09	May 2,10

### 2.2.2. For radiated emission test (30MHz-1GHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESCS30	100340	May 31,09	May 31,10
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
Bilog Antenna	Teseq	CBL 6111D	25758	Oct. 27,09	Oct. 27,10
Signal Amplifier	Agilent	8447D	2944A10488	May 2,09	May 2,10
50Ω Coaxial Switch	ANRITSU	MP59B	6200530577	May 2,09	May 2,10

### 2.2.3. For radiated emission test(1GHz-18GHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
Horn Antenna	EMCO	3117	00062558	Jan. 19,09	Jan. 19,11
Signal Amplifier	BURGEON	PEC-38-30M18G -12-SFF	NSEMC001	May 31,09	May 31,11

### 2.2.4. For output power Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
RF Probe	Rohde&Schwarz	URV5-Z7	100657	Jul.31,09	Jul.31,10
Power Meter	Rohde&Schwarz	NRVS	101732	Jul.31,09	Jul.31,10

### 2.2.5. For power spectral density Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	Rohde&Schwarz	FSL3	101507	Jul.31,09	Jul.31,10

### 2.2.6. For 6dB bandwidth test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	Agilent	E7405A	MY45118807	May 31,09	May 31,10

### 2.2.7. For Band edge compliance test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Spectrum Analyzer	HP	8593E	3448U00806	May 31,09	May 31,10
Horn Antenna	EMCO	3117	00062558	Jan. 19,09	Jan. 19,11
Signal Amplifier	BURGEON	PEC-38-30M18G-12-SFF	NSEMC001	May 31,09	May 31,11



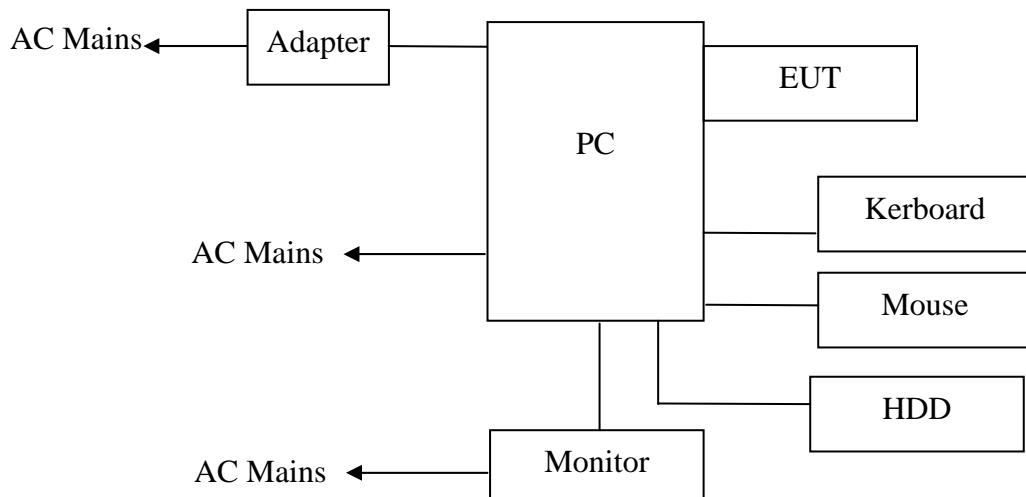
### 3. TEST SET-UP AND OPERATION MODES

#### 3.1. Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its highest possible radiated level. The test modes were adapted accordingly in reference to the Operating Instructions.

#### 3.2. Block Diagram of Test Set-up

System Diagram of Connections Between EUT and Simulators



(EUT : Wireless USB Adapter)

#### 3.3. Test Operation Mode and Test Software

Refer to clause 1.4

#### 3.4. Special Accessories and Auxiliary Equipment

None.

#### 3.5. Countermeasures to Achieve EMC Compliance

None.

## 4. TEST SUMMARY

Test items and result lists

No.	Item	Standard	Results
1	Data rate VS power	N/A	N/A
2	Conduction Emission Test	FCC Part15C: 15.207 ANSI C63.4-2003 KDB558074	PASS
3	Radiated Emission Test	FCC Part15C: 15.209 ANSI C63.4-2003 KDB558074	PASS
4	Band Edge Compliance Test	FCC Part15: 15.247 KDB558074	PASS
5	Output Power Test	FCC Part15: 15.247 KDB558074	PASS
6	6dB Bandwith Test	FCC Part15: 15.247 KDB558074	PASS
7	Power Spectral Density Test	FCC Part15: 15.247 KDB558074	PASS
8	Antenna requirement	FCC Part 15:15.203	PASS



## 5. DATA RATE VS POWER

Mode	data rate (Mbps)	CH	Read (dBm)	Cable Loss (dB)	Result (dBm)
11b	1	CH6	6.36	3	9.36
	2	CH6	6.45	3	9.45
	5.5	CH6	6.76	3	9.76
	11	CH6	7.06	3	10.06
11g	54	CH6	7.05	3	10.05
	48	CH6	6.85	3	9.85
	36	CH6	6.43	3	9.43
	24	CH6	6.38	3	9.38
	18	CH6	6.25	3	9.25
	12	CH6	6.21	3	9.21
	9	CH6	6.17	3	9.17
	6	CH6	6.08	3	9.08
11n HT20	6	CH6	5.11	3	8.11
	13	CH6	5.23	3	8.23
	19.5	CH6	5.31	3	8.31
	26	CH6	5.42	3	8.42
	39	CH6	5.45	3	8.45
	52	CH6	5.57	3	8.57
	58.5	CH6	5.76	3	8.76
	65	CH6	5.82	3	8.82
	78	CH6	5.91	3	8.91
	104	CH6	5.98	3	8.98
	117	CH6	6.11	3	9.11
	130	CH6	6.18	3	9.18
11n HT40	135	CH3	5.21	3	9.21
	121.5	CH3	5.06	3	9.06
	108	CH3	4.92	3	7.92
	81	CH3	4.86	3	7.86
	54	CH3	4.78	3	7.78
	40.5	CH3	4.68	3	7.68
	27	CH3	4.59	3	7.59
	13.5	CH3	4.48	3	7.48
<p>Result=Read+cable loss  When IEEE 802.11b's data rate was 11Mbps ; IEEE 802.11g's data rate was 54Mbps,  When IEEE 802.11n HT20's data rate was 130Mbps ; IEEE 802.11n HT40's data rate  was 135Mbps the EUT have maximum output power and all the test was performed in  this data rate set.</p>					



## 6. EMISSION TEST RESULTS

### 6.1. Conducted Emission at The Mains Terminals Test

<b>RESULT</b>	: Pass
Test procedure	: FCC Part 15 Subpart C
Frequency range	: 0.15~30MHz
Test Site	: Shielded Room
Limits	: FCC Part 15 Subpart C

#### **Test Setup**

Date of test	: Jan. 20, 2010
Model No.	: WL0149
Input Voltage	: DC 5V from adapter input AC 120V/60Hz
Operation Mode	: TX Mode

The EUT was put on a wooden table which was 0.8metre high above the ground and connected to the AC mains through a Artificial Mains Network (A.M.N). The mains lead in excess of 1 m separating the EUT from the AMN was folded at the cable centre into a bundle no longer than 0.4 m.

The EUT was kept 0.4m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during conducted emission test.

The bandwidth of the test receiver (R&S ESCS30) was set at 9 kHz.

The frequency range from 150 kHz to 30 MHz was investigated.

The test data of the worst case condition(s) was reported on the following page.

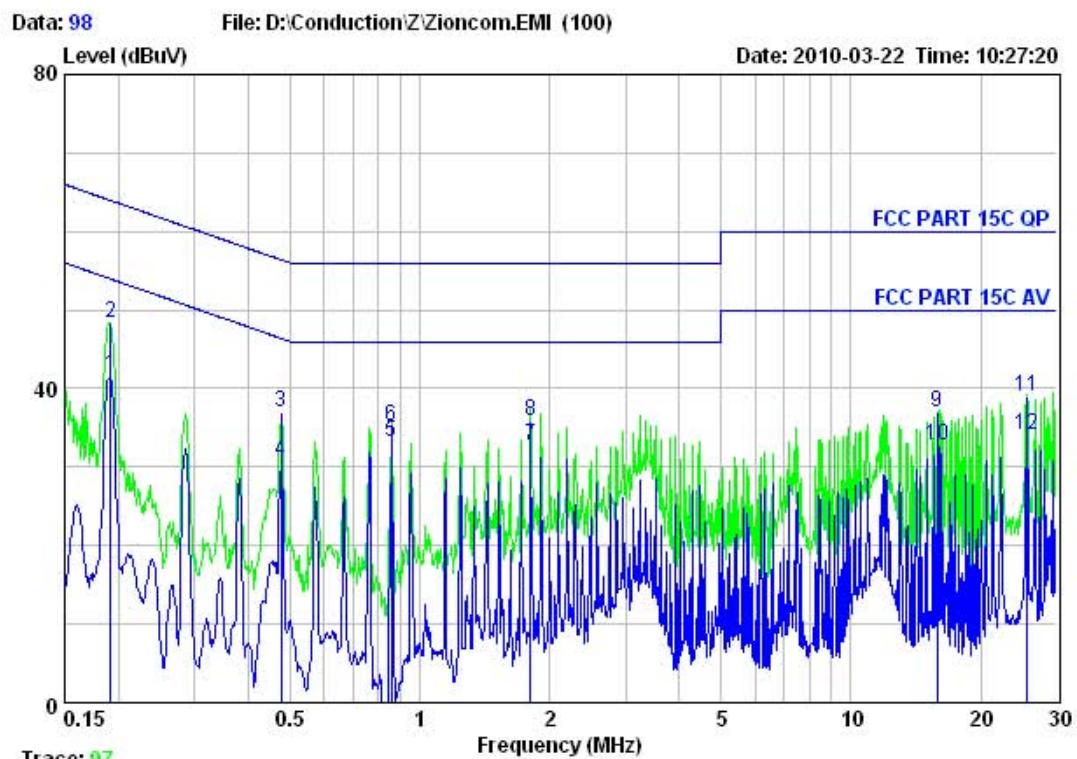
When IEEE 802.11b's data rate was 11Mbps ; IEEE 802.11g's data rate was 54Mbps, When IEEE 802.11n HT20's data rate was 130Mbps ; IEEE 802.11n HT40's data rate was 135Mbps the EUT have maximum output power and all the test was performed in this data rate set.

Note: Test uncertainty: ±2.54dB at a level of confidence of 95%.:



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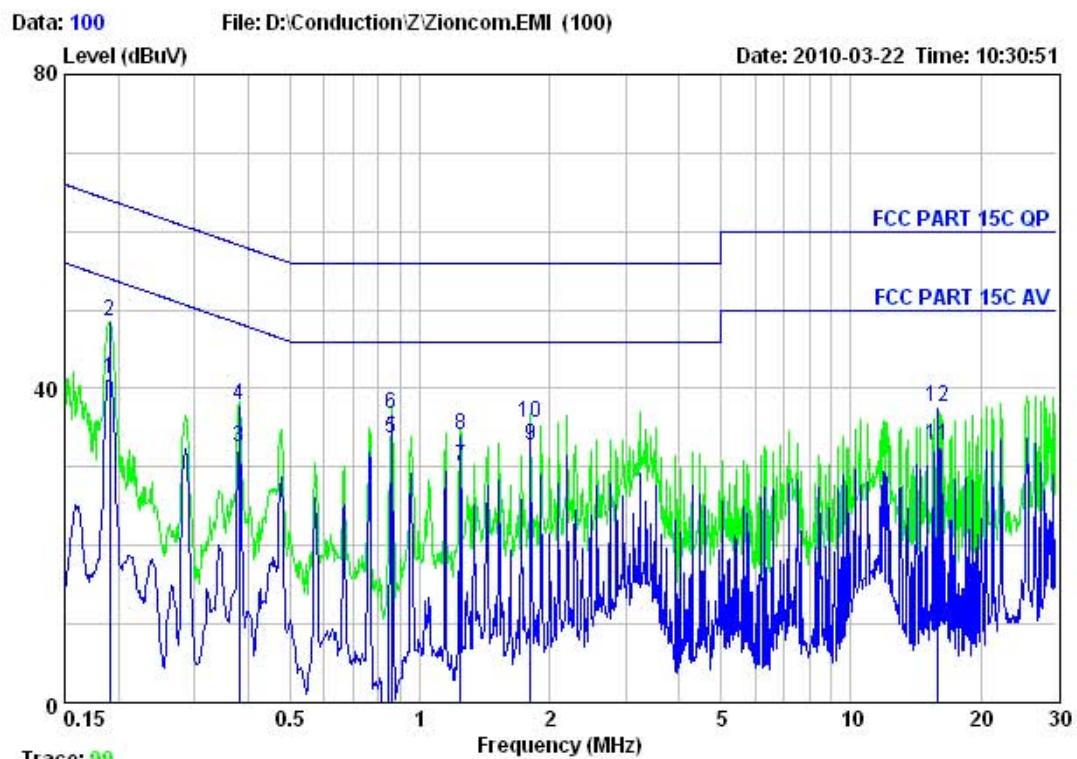
Test Site : 844 Shielded Room  
 Limit : FCC PART 15C QP LINE Phase:LINE  
 EUT : Wireless USB Adapter  
 Power : DC 5V from PC input AC 120V/60Hz  
 M/N : WL0149  
 Test Engineer: Jade  
 Comment : Temp:25.3'C Humi:56% Press:101.53kPa  
 Test Mode : TX Mode

	Freq. (MHz)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	41.58	63.98	22.40	Average
2	0.19	48.30	63.98	15.68	QP
3	0.48	36.90	56.41	19.51	QP
4	0.48	30.69	56.41	25.72	Average
5	0.86	33.18	56.00	22.82	Average
6	0.86	35.20	56.00	20.80	QP
7	1.81	32.83	56.00	23.17	Average
8	1.81	35.90	56.00	20.10	QP
9	15.89	37.10	60.00	22.90	QP
10	15.89	32.80	60.00	27.20	Average
11	25.59	39.10	60.00	20.90	QP
12	25.59	33.99	60.00	26.01	Average



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Test Site : 844 Shielded Room  
 Limit : FCC PART 15C QP LINE Phase:NEUTRAL  
 EUT : Wireless USB Adapter  
 Power : DC 5V from PC input AC 120V/60Hz  
 M/N : WL0149  
 Test Engineer: Jade  
 Comment : Temp:25.3'C Humi:56% Press:101.53kPa  
 Test Mode : TX Mode

	Freq. (MHz)	Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.19	41.29	64.02	22.73	Average
2	0.19	48.50	64.02	15.52	QP
3	0.38	32.55	58.25	25.70	Average
4	0.38	37.90	58.25	20.35	QP
5	0.86	33.74	56.00	22.26	Average
6	0.86	36.70	56.00	19.30	QP
7	1.24	30.08	56.00	25.92	Average
8	1.24	34.20	56.00	21.80	QP
9	1.81	32.69	56.00	23.31	Average
10	1.81	35.70	56.00	20.30	QP
11	15.89	32.74	60.00	27.26	Average
12	15.89	37.60	60.00	22.40	QP



## 6.2. Radiated Emission

### 6.2.1. Test limits

- 1) FCC part 15C section 15.209
- 2) FCC part 15C section 15.247(a)

### 6.2.2. Test procedure

The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. At the frequency band of 30MHz to 1GHz, The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 to 4 m for horizontal and vertical polarizations. The broadband antenna (calibrated by dipole antenna) was used as a receiving antenna. At the frequency band of 1GHz to 25GHz, The measuring antenna moved from 1 to 4 m for horizontal and vertical polarization. The horn antenna was used as a receiving antenna.

The resolution bandwidth and video bandwidth of the test receiver was 120 kHz and 300kHz for Quasi-peak detection at frequency below 1GHz.

The resolution bandwidth and video bandwidth of the test receiver was 1MHz and 1MHz for Peak detection at frequency above 1GHz.

For Average measurement at frequency above 1GHz. The resolution bandwidth of the test receiver was 1MHz ; due to the shortest pulse width T is 116us, according the video bandwidth should not smaller than 1/T, so the video bandwidth is 10Hz.

In 18GHz to 25GHz, The EUT was checked by Horn ANT . But the test result is background.

When IEEE 802.11b's data rate was 11Mbps ; IEEE 802.11g's data rate was 54Mbps, When IEEE 802.11n HT20's data rate was 130Mbps ; IEEE 802.11n HT40's data rate was 135Mbps the EUT have maximum output power and all the test was performed in this data rate set.

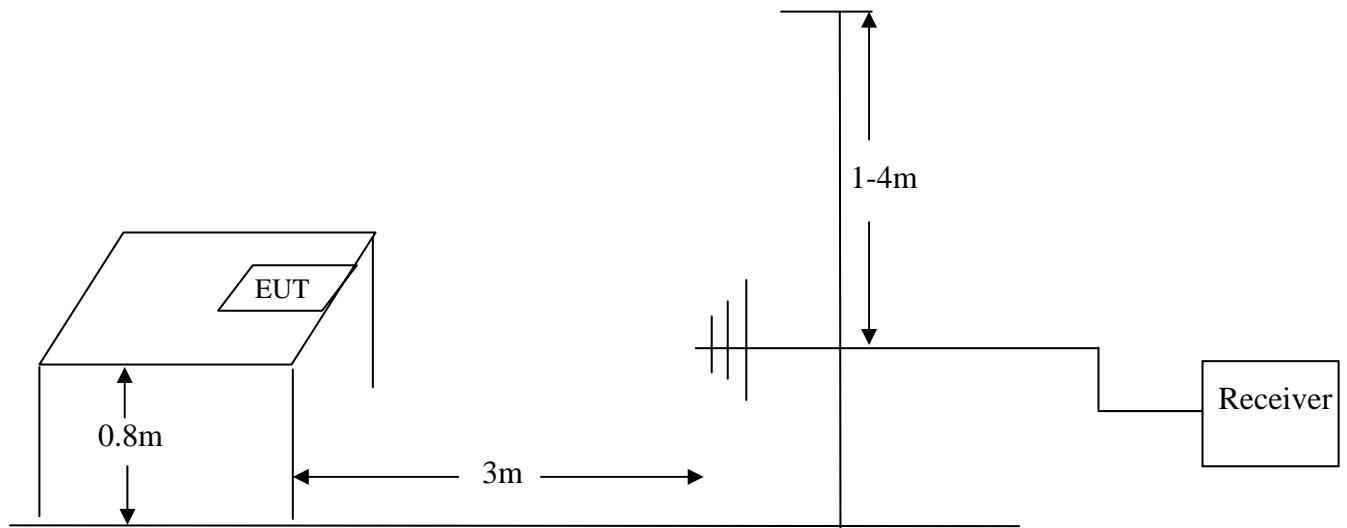
The EUT was tested in Chamber Site.

Note: Test uncertainty:  $\pm 2.62\text{dB}$  at a level of confidence of 95%.:

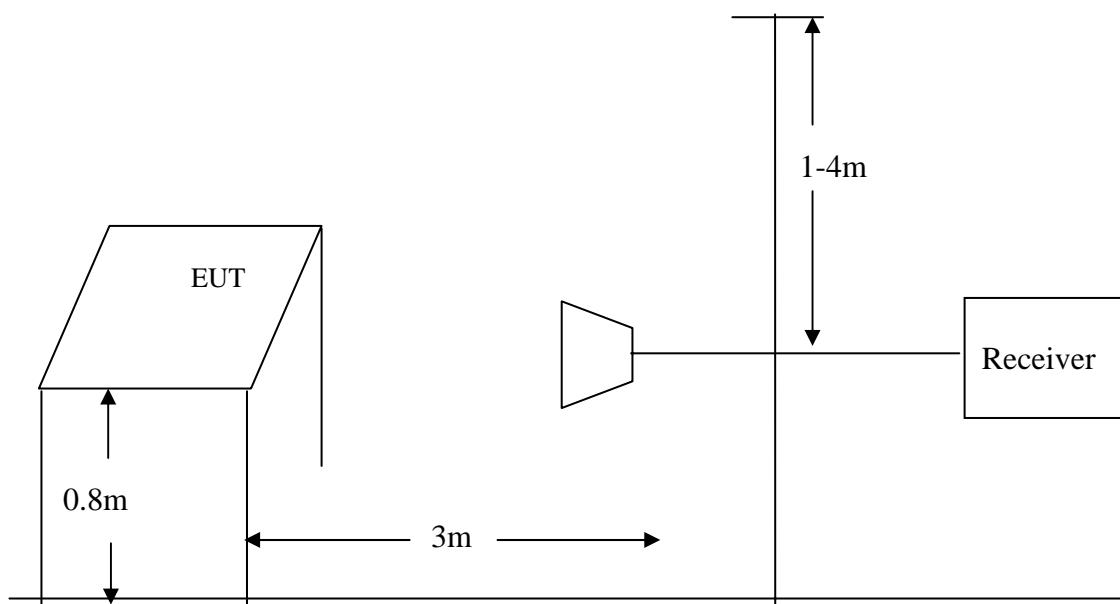


### 6.2.3. Test Setup Diagram

#### 5.1.3.1. Frequency range: 30MHz-1000MHz



#### 5.1.3.2. Frequency range: 1 GHz -25GHz



The test plots as following:

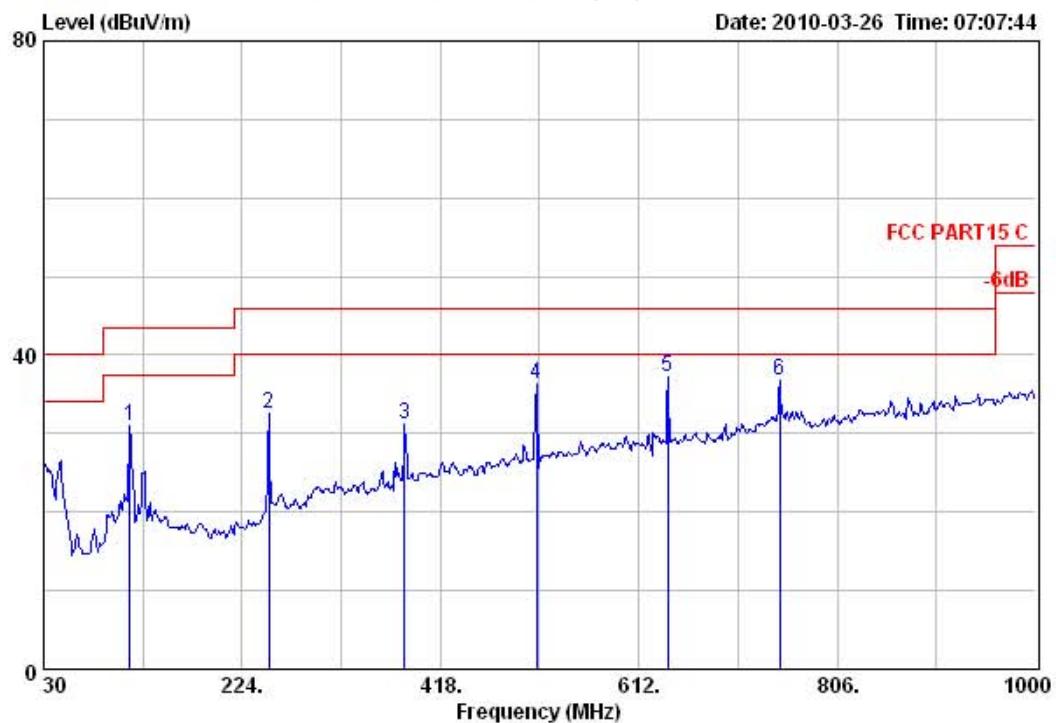
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Data: 222

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 07:07:44



Test Site : 966 Chamber  
 Limit : FCC PART15 C  
 Dis. / Ant. : 3m 25757-3M Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:55% Press:101.35kPa  
 Test Mode : TX Mode  
 Ant high:1.1m; Table angle:88'

	Emission			Ant.	Cable			
	Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>								
1	114.39	31.01	43.50	12.49	31.01	0.00	0.00	QP
2	250.19	32.45	46.00	13.55	32.45	0.00	0.00	QP
3	383.08	31.12	46.00	14.88	31.12	0.00	0.00	QP
4	512.09	36.38	46.00	9.62	36.38	0.00	0.00	QP
5	640.13	37.25	46.00	8.75	37.25	0.00	0.00	QP
6	749.74	36.77	46.00	9.23	36.77	0.00	0.00	QP



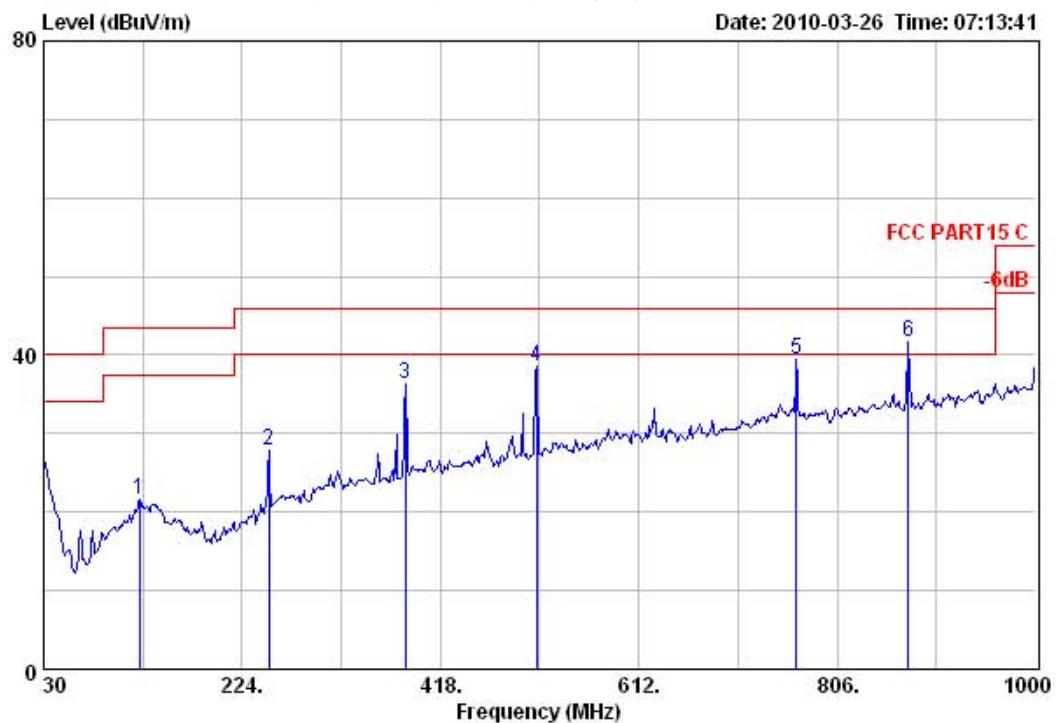
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Data: 223

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 07:13:41



Test Site : 966 Chamber  
 Limit : FCC PART15 C  
 Dis. / Ant. : 3m 25757-3M Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:55% Press:101.35kPa  
 Test Mode : TX Mode  
 Ant high:2.2m; Table angle:95'

	Emission			Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 124.09	21.61	43.50	21.89	21.61	0.00	0.00	QP
2 250.19	27.84	46.00	18.16	27.84	0.00	0.00	QP
3 384.05	36.41	46.00	9.59	36.41	0.00	0.00	QP
4 512.09	38.57	46.00	7.43	38.57	0.00	0.00	QP
5 766.23	39.37	46.00	6.63	39.37	0.00	0.00	QP
6 875.84	41.66	46.00	4.34	41.66	0.00	0.00	QP



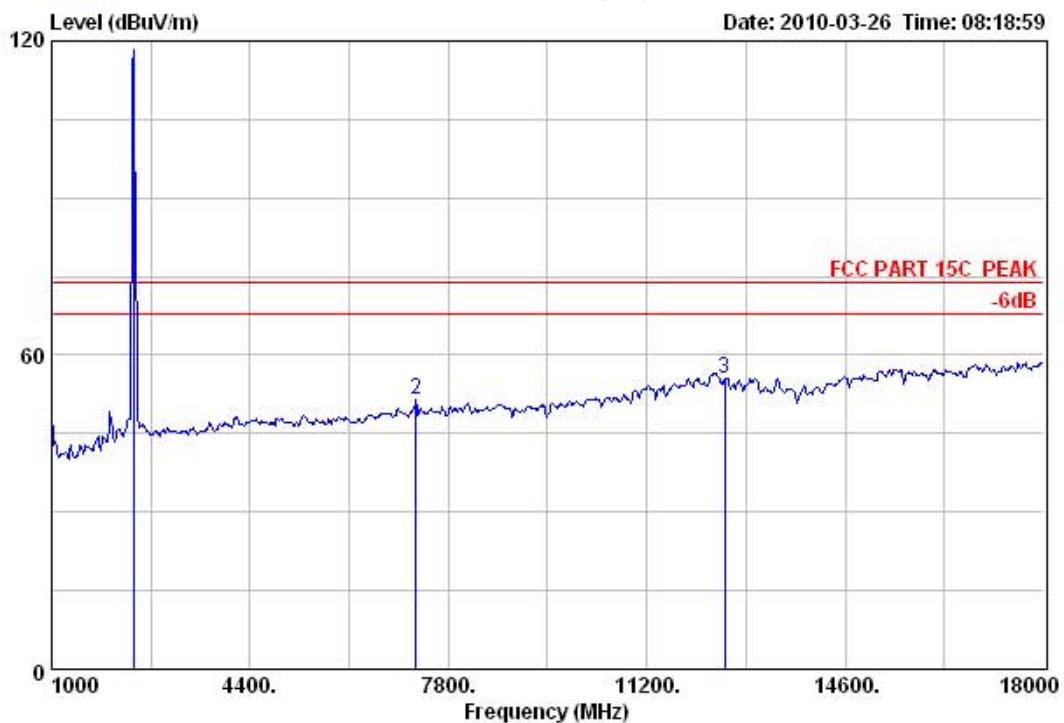
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Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 224

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:18:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH1 2412MHz

Emission				Ant.	Cable	Remark
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor (dB/m)	
<hr/>						
1 2412.00	118.65	74.00	-44.65	84.92	31.50	2.23 Peak
2 7239.00	51.54	74.00	22.46	12.16	36.85	2.53 Peak
3 312543.00	55.55	74.00	18.45	12.67	40.03	2.85 Peak



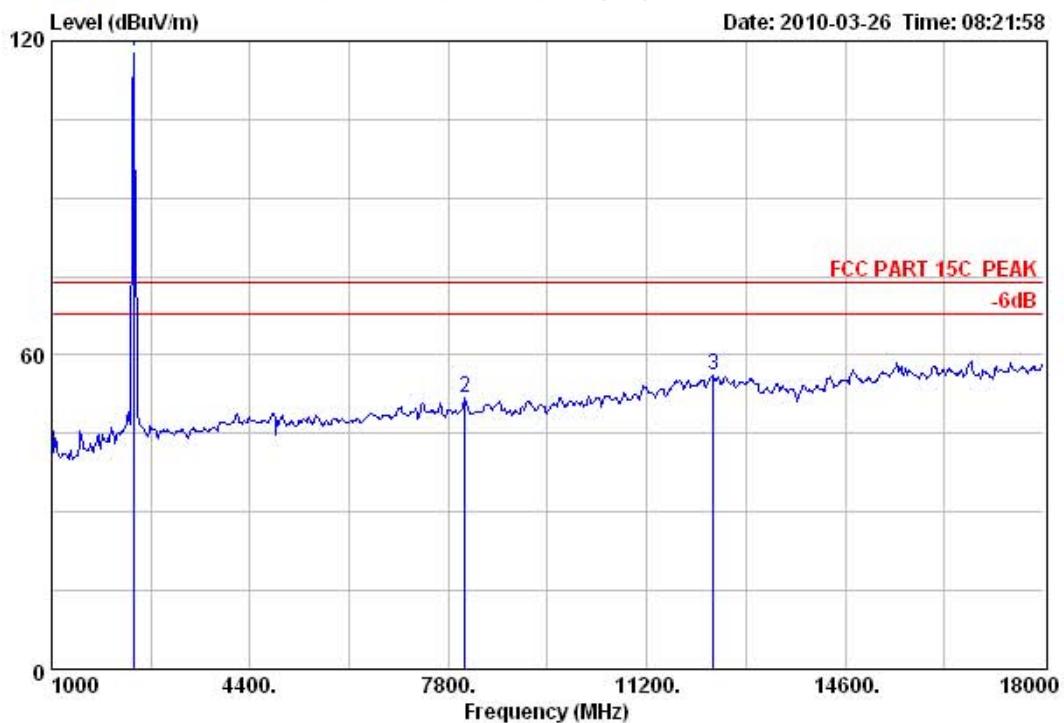
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 225

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:21:58



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2412.00	118.15	74.00	-44.15	84.42	31.50	2.23	Peak
2 8089.00	51.68	74.00	22.32	12.12	36.98	2.58	Peak
3 12339.00	56.01	74.00	17.99	13.23	39.94	2.84	Peak



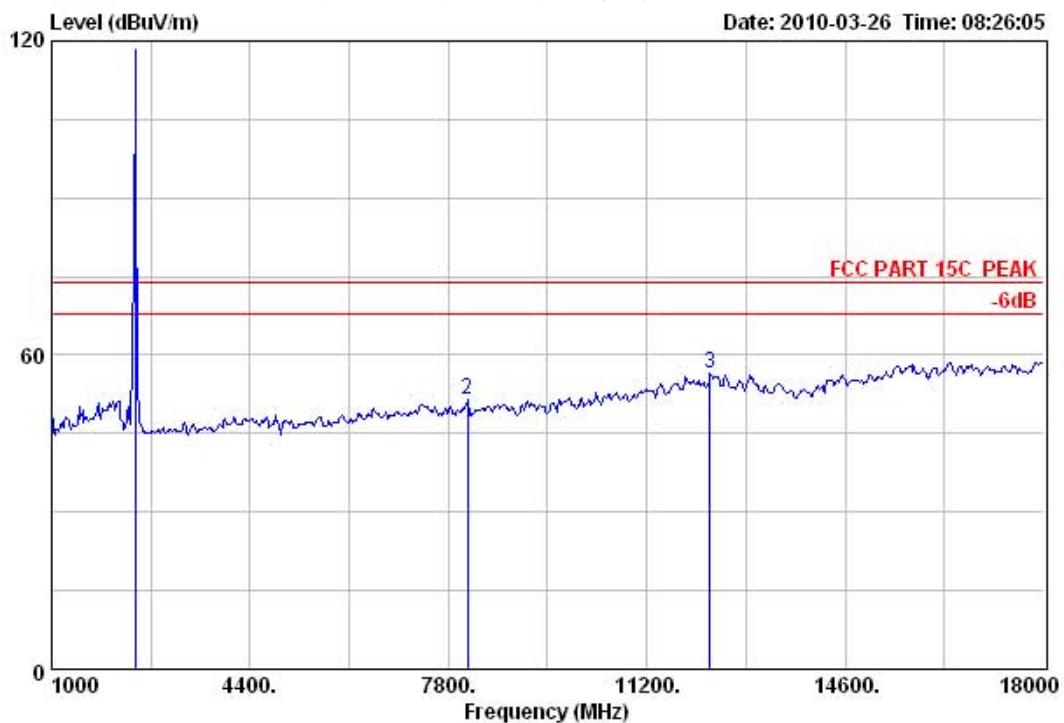
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 226

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:26:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2437.00	118.63	74.00	-44.63	84.86	31.54	2.23	Peak
2 8123.00	51.31	74.00	22.69	11.76	36.97	2.58	Peak
3 312288.00	56.41	74.00	17.59	13.65	39.92	2.84	Peak



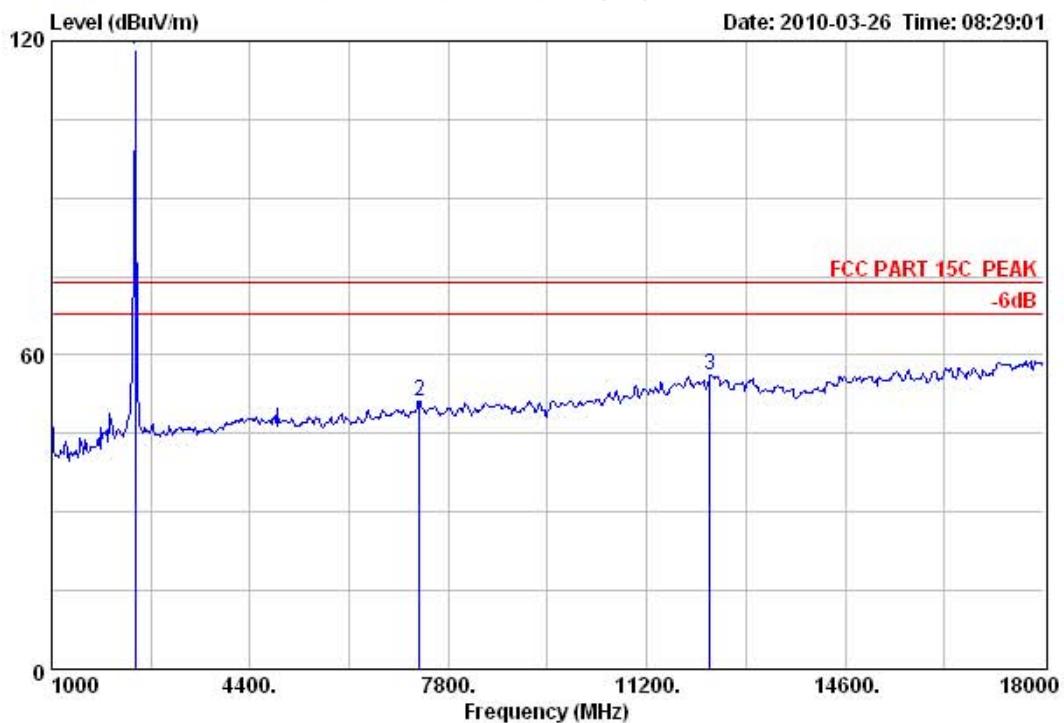
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 227

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:29:01



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2437.00	118.20	74.00	-44.20	84.43	31.54	2.23	Peak
2 7307.00	51.05	74.00	22.95	11.68	36.84	2.53	Peak
3 12288.00	56.12	74.00	17.88	13.36	39.92	2.84	Peak



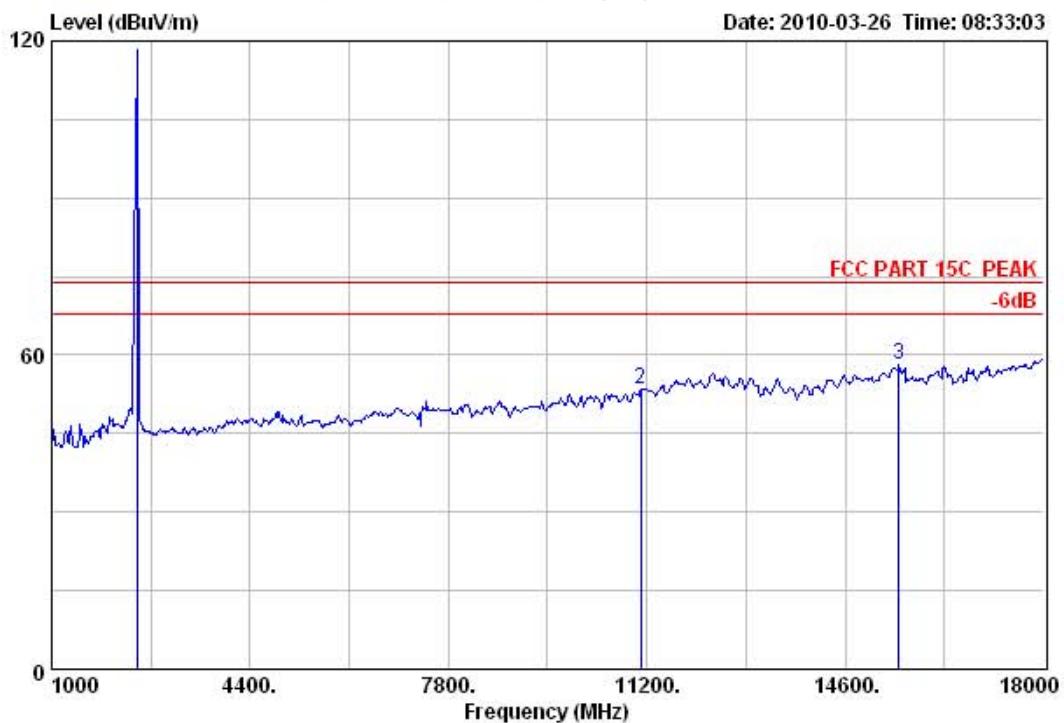
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 228

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:33:03



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	118.50	74.00	-44.50	84.71	31.56	2.23	Peak
211098.00	53.47	74.00	20.53	12.25	38.45	2.77	Peak
315518.00	58.05	74.00	15.95	13.29	41.73	3.03	Peak



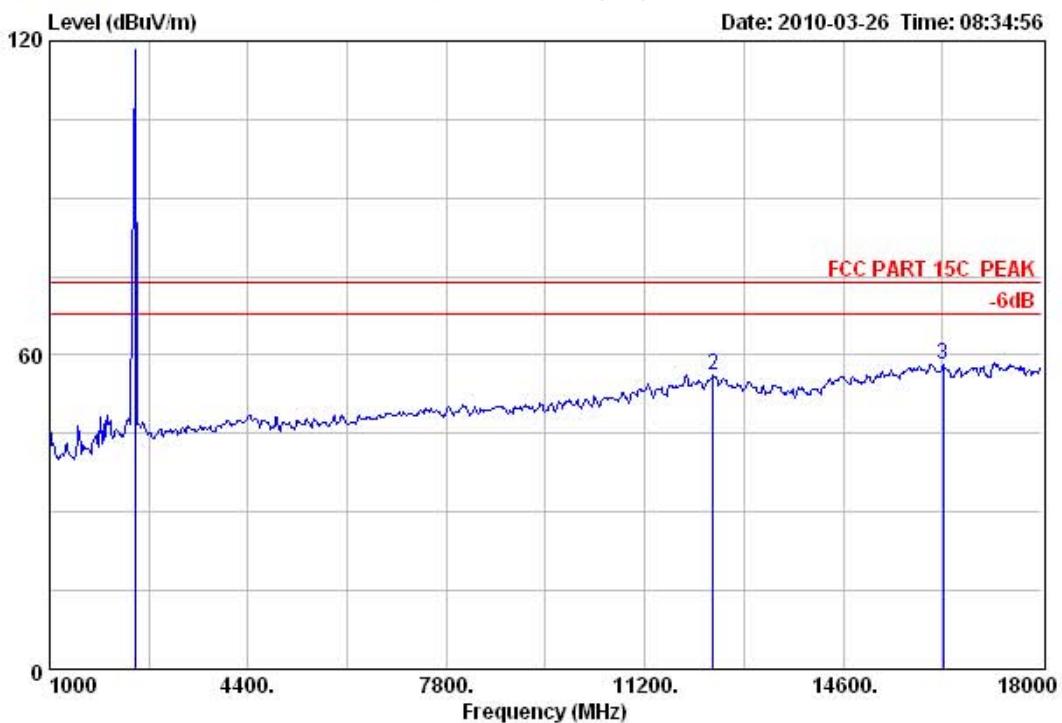
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 229

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:34:56



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	118.67	74.00	-44.67	84.88	31.56	2.23	Peak
212373.00	56.02	74.00	17.98	13.23	39.95	2.84	Peak
316317.00	58.26	74.00	15.74	12.53	42.65	3.08	Peak



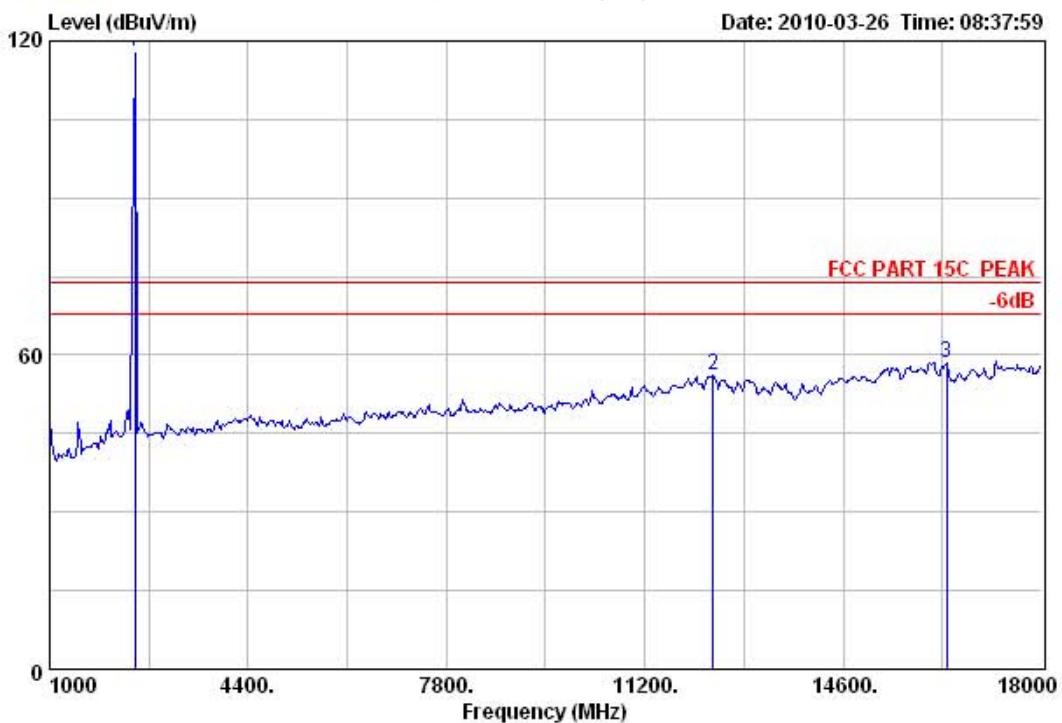
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 230

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:37:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	118.00	74.00	-44.00	84.21	31.56	2.23	Peak
212373.00	56.01	74.00	17.99	13.22	39.95	2.84	Peak
316368.00	58.62	74.00	15.38	12.84	42.70	3.08	Peak



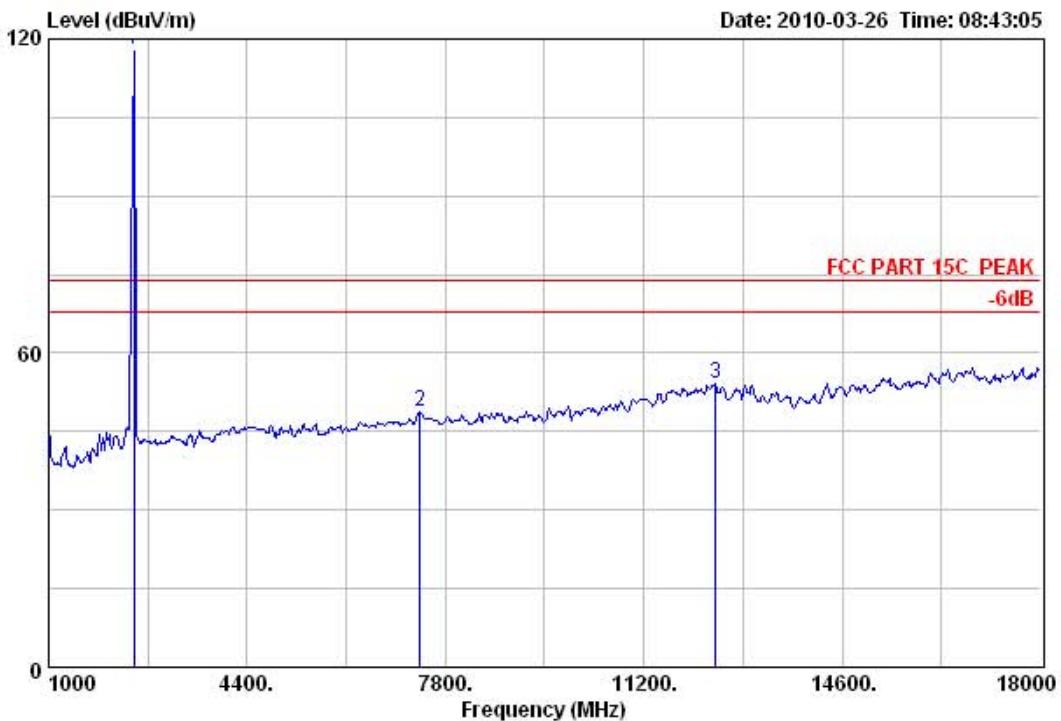
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 231

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:43:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	118.02	74.00	-44.02	84.23	31.56	2.23	Peak
2 7358.00	48.77	74.00	25.23	9.41	36.83	2.53	Peak
3 312424.00	54.05	74.00	19.95	11.23	39.97	2.85	Peak



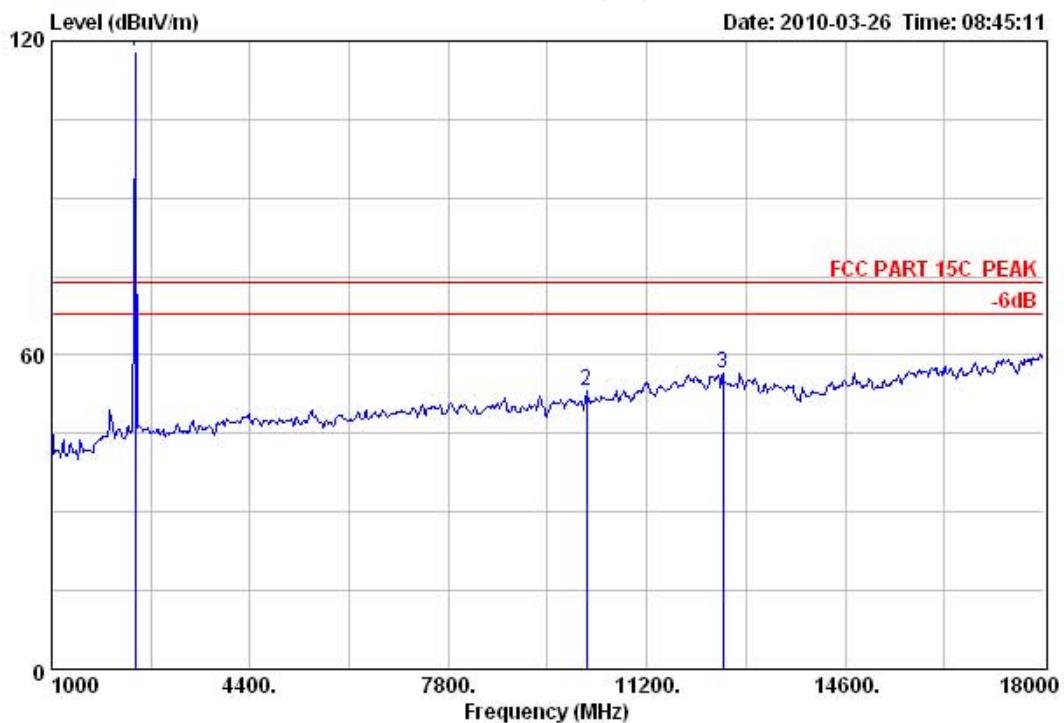
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 232

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:45:11



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2437.00	118.06	74.00	-44.06	84.29	31.54	2.23	Peak
210163.00	53.05	74.00	20.95	12.25	38.09	2.71	Peak
312509.00	56.59	74.00	17.41	13.73	40.01	2.85	Peak



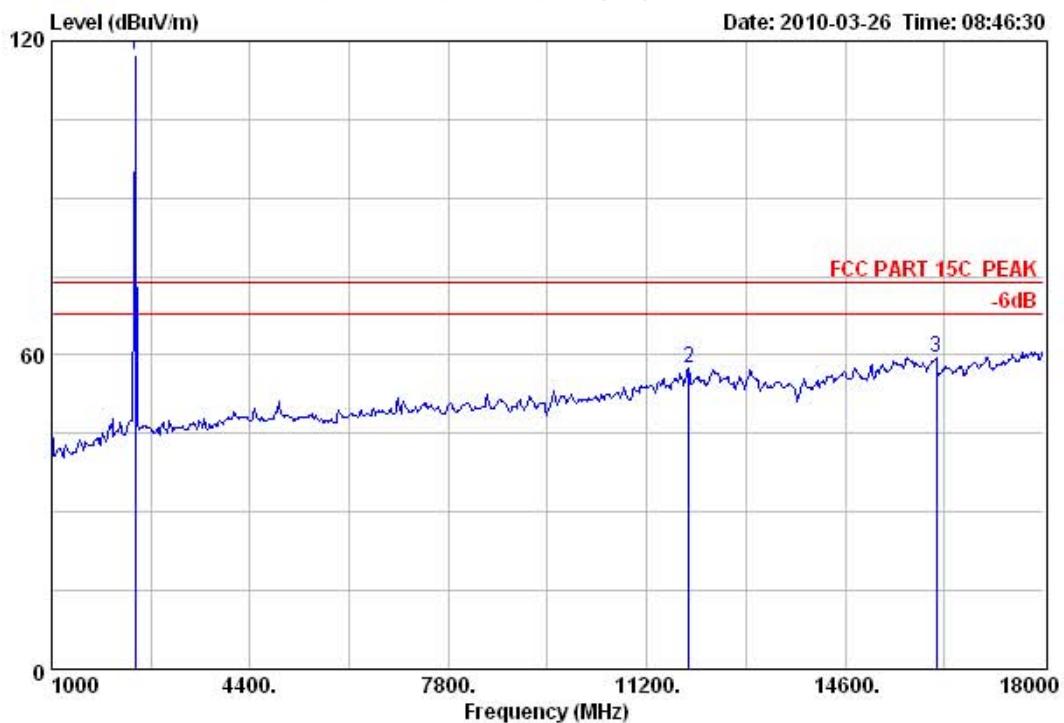
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 233

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:46:30



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2437.00	117.22	74.00	-43.22	83.45	31.54	2.23	Peak
211914.00	57.56	74.00	16.44	15.07	39.67	2.82	Peak
316164.00	59.54	74.00	14.46	13.94	42.53	3.07	Peak



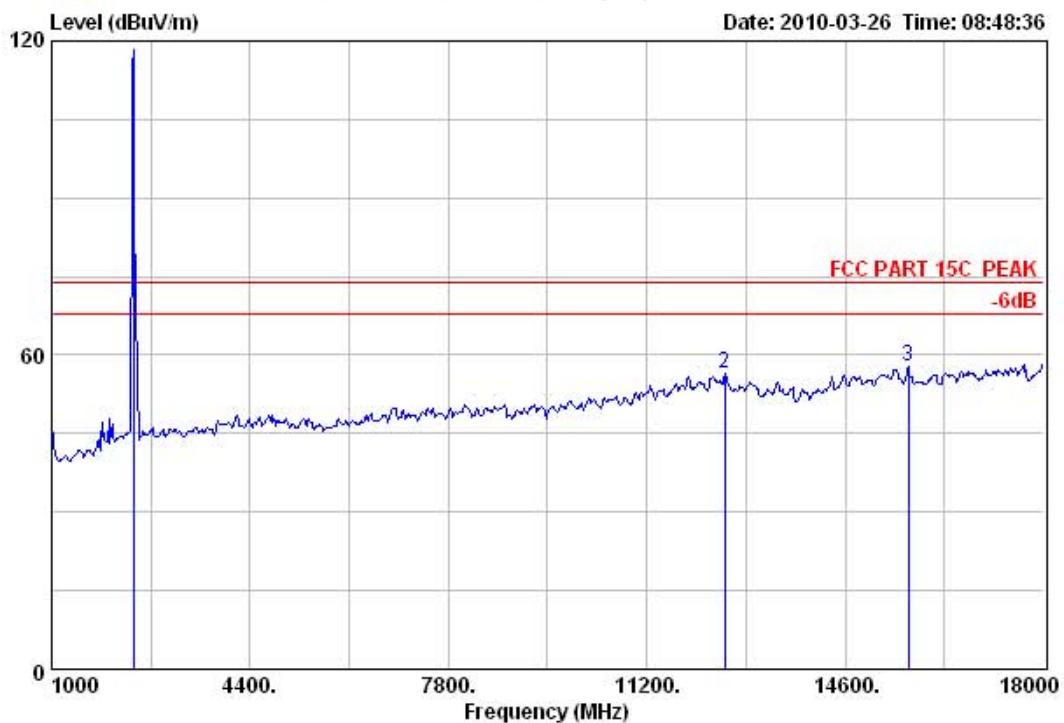
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 234

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:48:36



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2412.00	118.72	74.00	-44.72	84.99	31.50	2.23	Peak
212543.00	56.47	74.00	17.53	13.59	40.03	2.85	Peak
315688.00	57.77	74.00	16.23	12.76	41.97	3.04	Peak



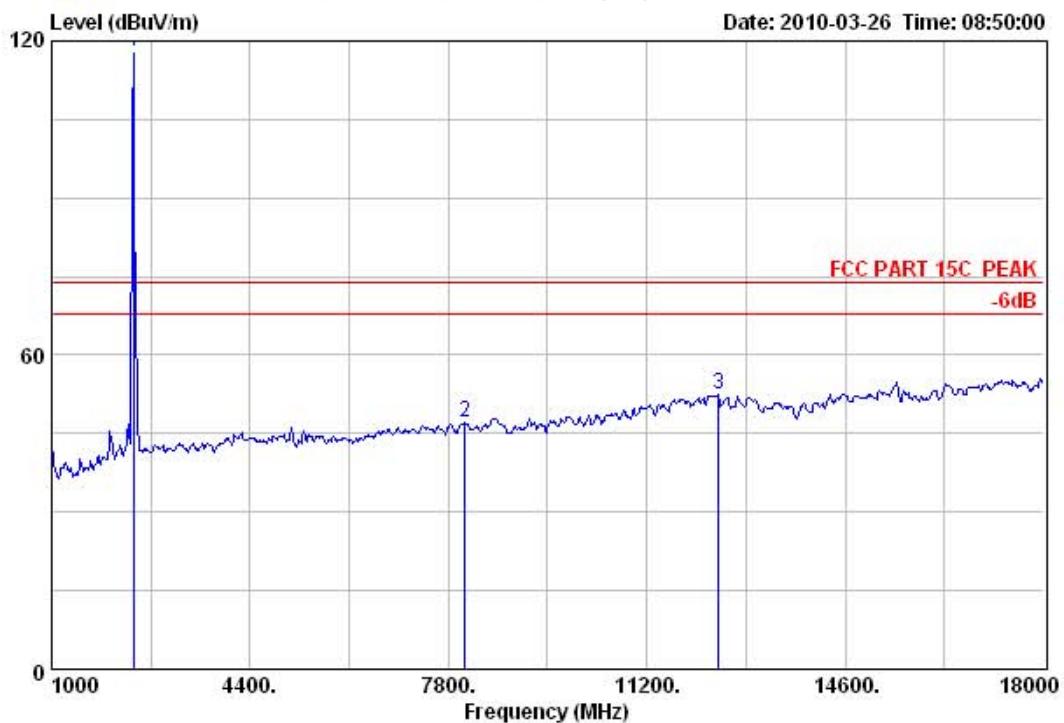
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 235

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:50:00



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2412.00	117.85	74.00	-43.85	84.12	31.50	2.23	Peak
2 8089.00	47.20	74.00	26.80	7.64	36.98	2.58	Peak
3 12424.00	52.43	74.00	21.57	9.61	39.97	2.85	Peak



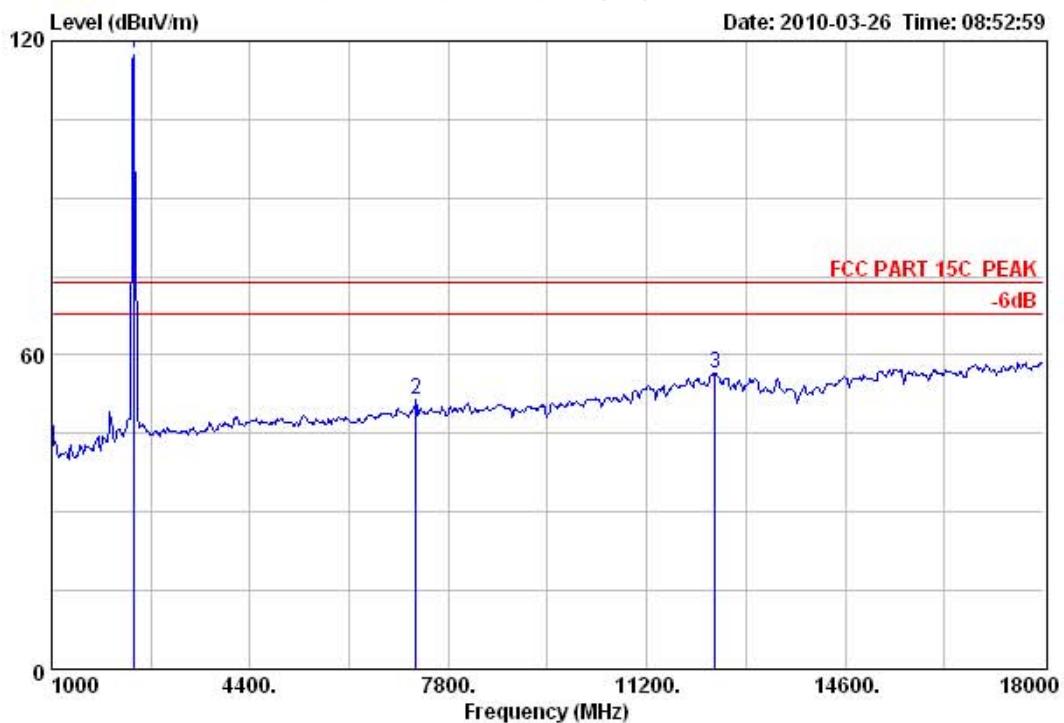
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 236

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:52:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2412.00	117.65	74.00	-43.65	83.92	31.50	2.23	Peak
2 7239.00	51.54	74.00	22.46	12.16	36.85	2.53	Peak
3 312373.00	56.53	74.00	17.47	13.74	39.95	2.84	Peak



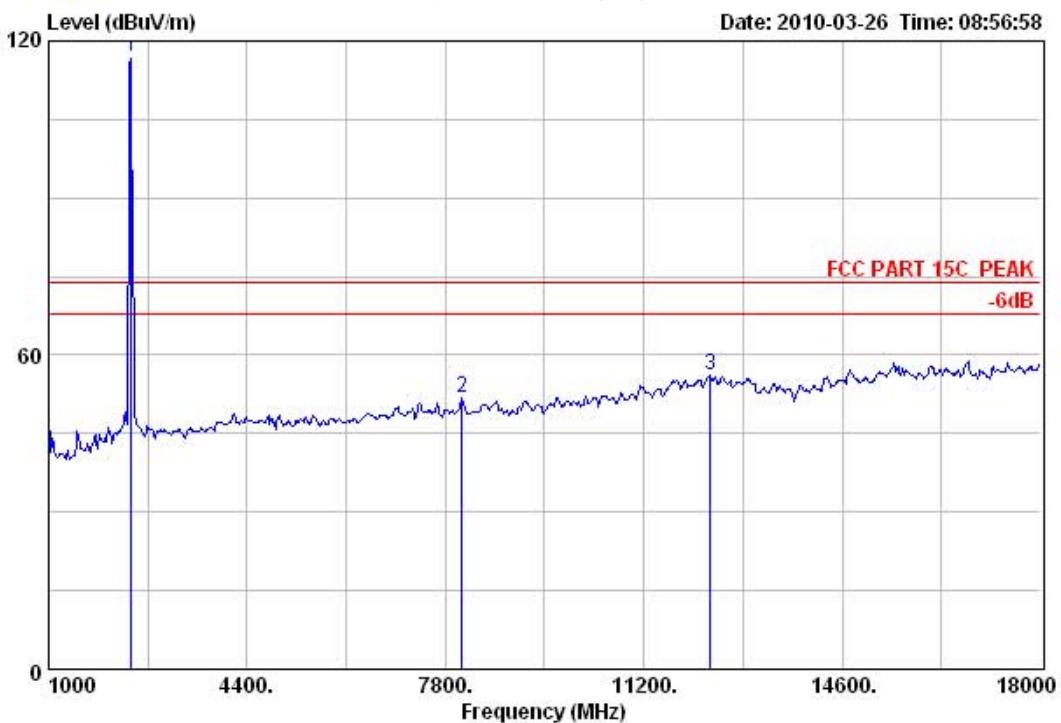
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 237

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:56:58



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2412.00	117.15	74.00	-43.15	83.42	31.50	2.23	Peak
2 8089.00	51.68	74.00	22.32	12.12	36.98	2.58	Peak
3 31233.90	56.01	74.00	17.99	13.23	39.94	2.84	Peak



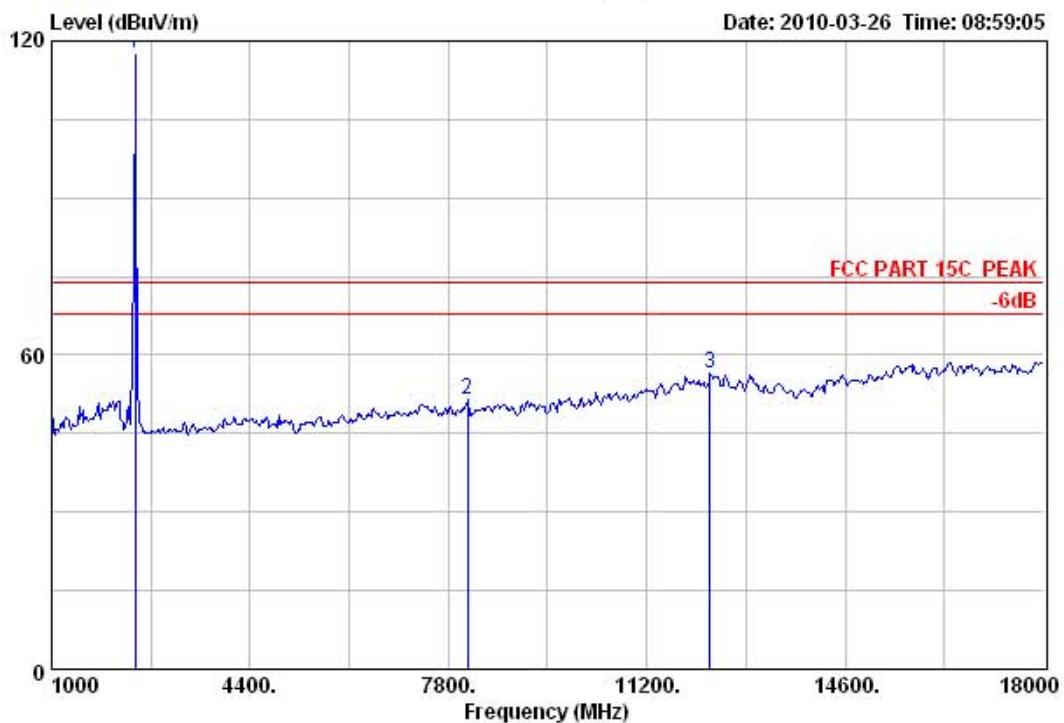
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 238

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:59:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2437.00	117.63	74.00	-43.63	83.86	31.54	2.23	Peak
2 8123.00	51.31	74.00	22.69	11.76	36.97	2.58	Peak
3 12288.00	56.41	74.00	17.59	13.65	39.92	2.84	Peak



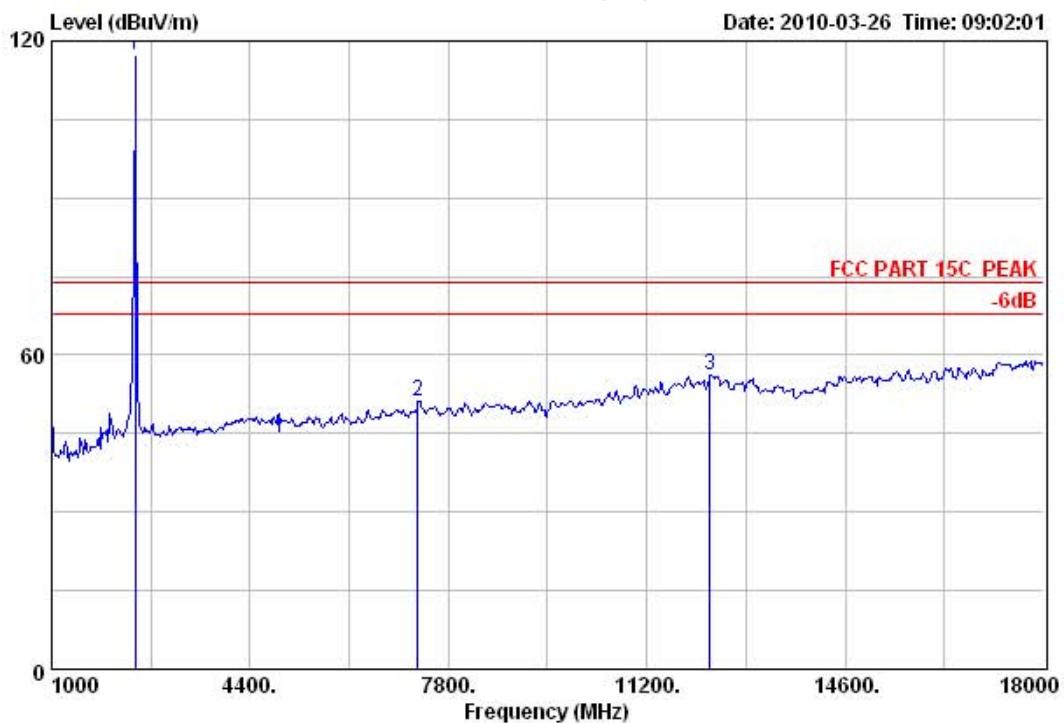
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 239

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:02:01



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2437.00	117.20	74.00	-43.20	83.43	31.54	2.23	Peak
2 7273.00	51.09	74.00	22.91	11.71	36.85	2.53	Peak
3 312288.00	56.12	74.00	17.88	13.36	39.92	2.84	Peak



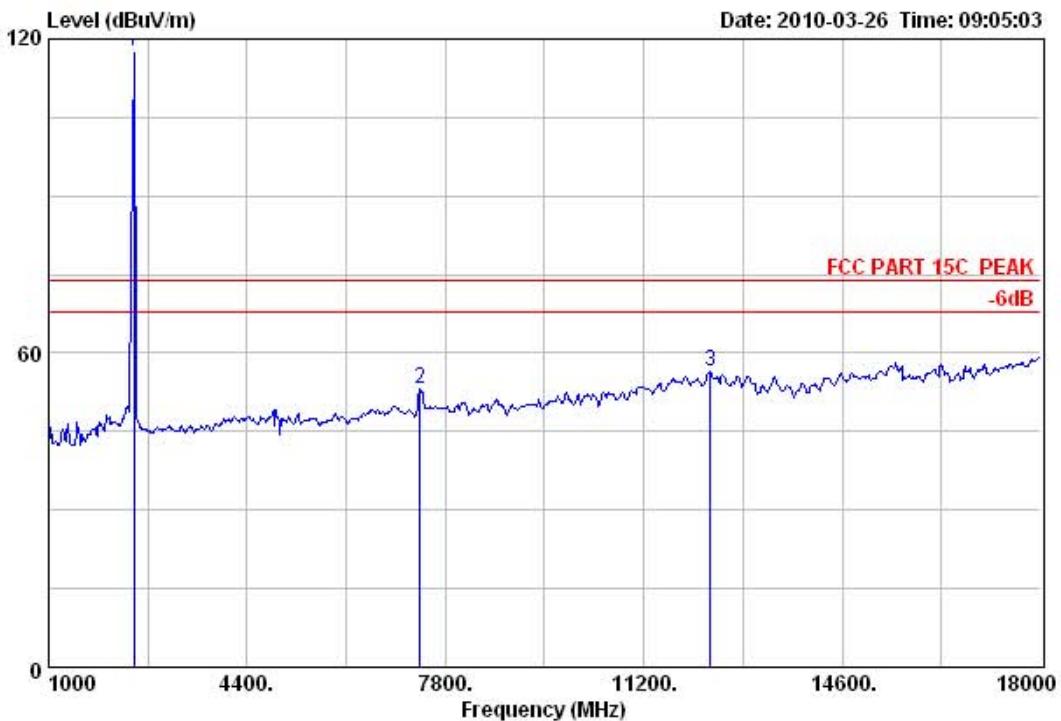
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 240

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:05:03



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	117.50	74.00	-43.50	83.71	31.56	2.23	Peak
2 7358.00	53.17	74.00	20.83	13.81	36.83	2.53	Peak
3 12339.00	56.62	74.00	17.38	13.84	39.94	2.84	Peak



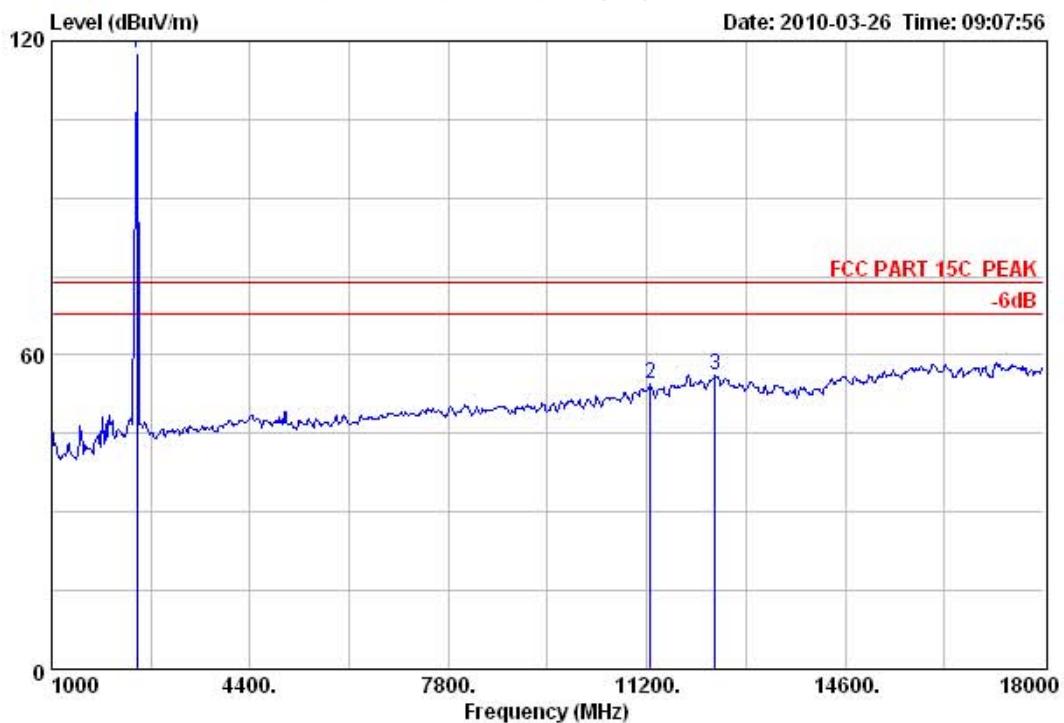
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 241

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:07:56



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2462.00	117.67	74.00	-43.67	83.88	31.56	2.23	Peak
211268.00	54.46	74.00	19.54	12.97	38.71	2.78	Peak
312373.00	56.02	74.00	17.98	13.23	39.95	2.84	Peak



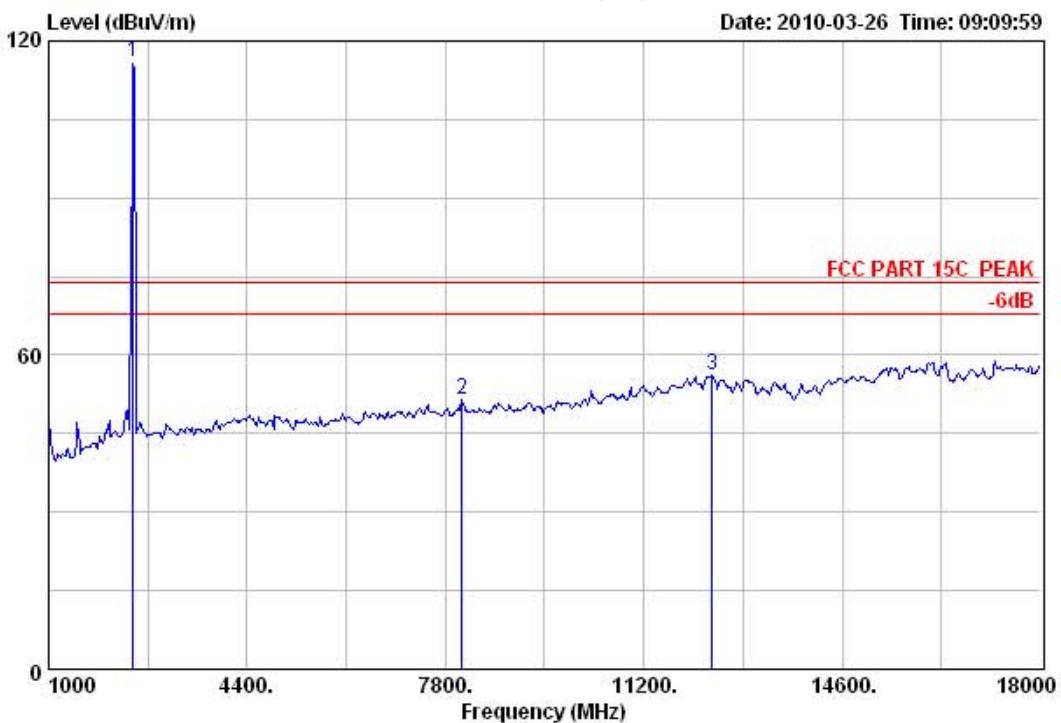
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 242

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:09:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH7 2452MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2452.00	116.00	74.00	-42.00	82.23	31.54	2.23	Peak
2 8089.00	51.50	74.00	22.50	11.94	36.98	2.58	Peak
3 12373.00	56.01	74.00	17.99	13.22	39.95	2.84	Peak



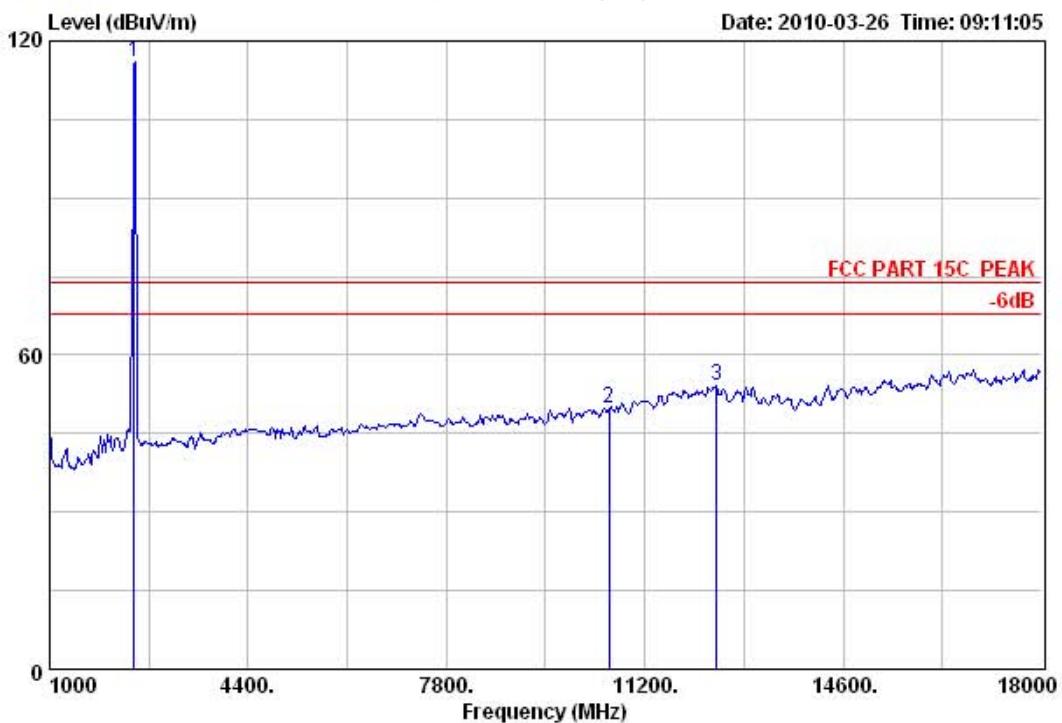
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 243

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:11:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH7 2452MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2452.00	116.02	74.00	-42.02	82.25	31.54	2.23	Peak
210588.00	49.89	74.00	24.11	8.85	38.30	2.74	Peak
312424.00	54.05	74.00	19.95	11.23	39.97	2.85	Peak



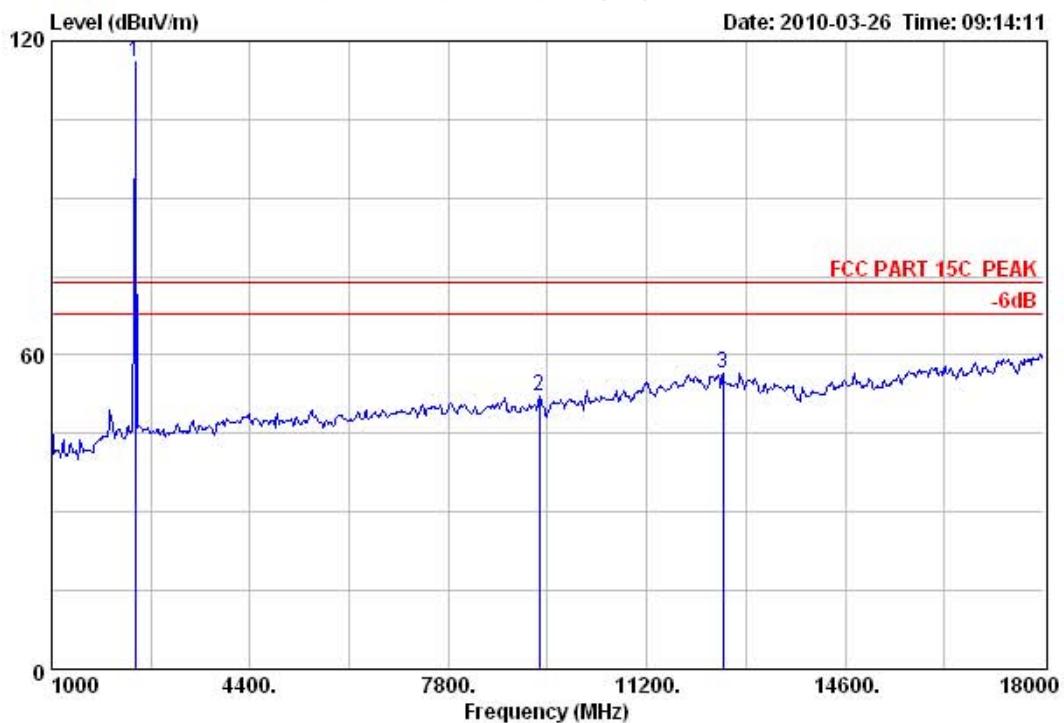
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 244

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:14:11



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH4 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 2437.00	116.06	74.00	-42.06	82.29	31.54	2.23	Peak
2 9364.00	52.00	74.00	22.00	11.95	37.39	2.66	Peak
3 12509.00	56.59	74.00	17.41	13.73	40.01	2.85	Peak



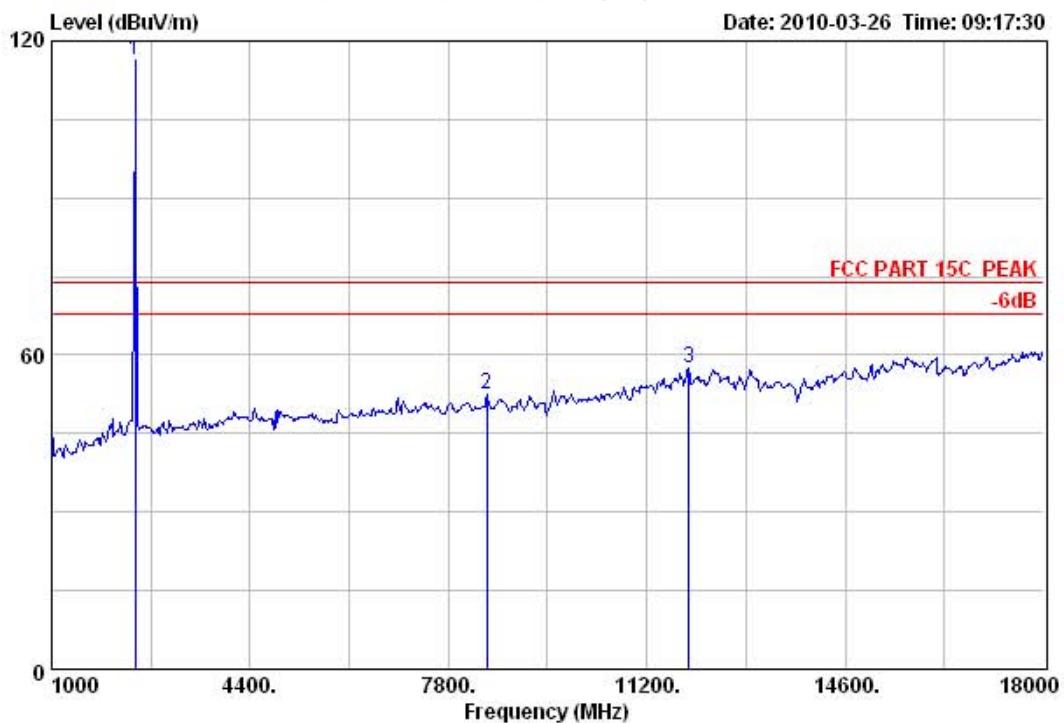
# NS Technology

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Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 245

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:17:30



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH4 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2437.00	116.22	74.00	-42.22	82.45	31.54	2.23	Peak
2 8463.00	52.54	74.00	21.46	13.03	36.91	2.60	Peak
3 311914.00	57.56	74.00	16.44	15.07	39.67	2.82	Peak



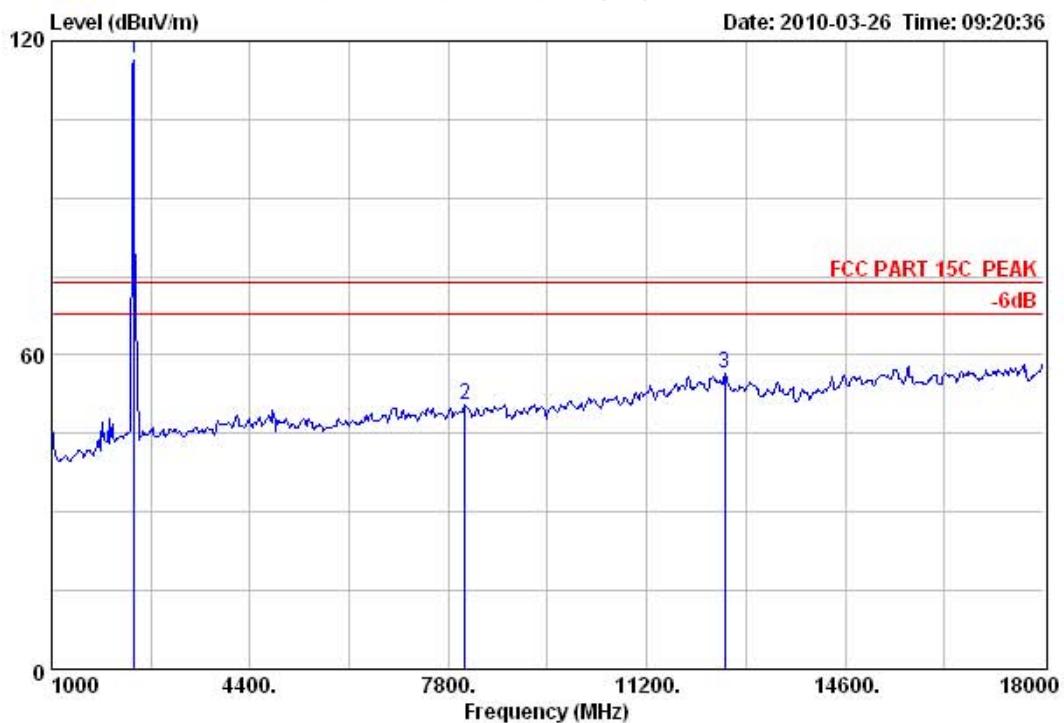
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 246

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:20:36



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH1 2422MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2422.00	116.72	74.00	-42.72	82.97	31.52	2.23	Peak
2 8089.00	50.56	74.00	23.44	11.00	36.98	2.58	Peak
3 312543.00	56.47	74.00	17.53	13.59	40.03	2.85	Peak



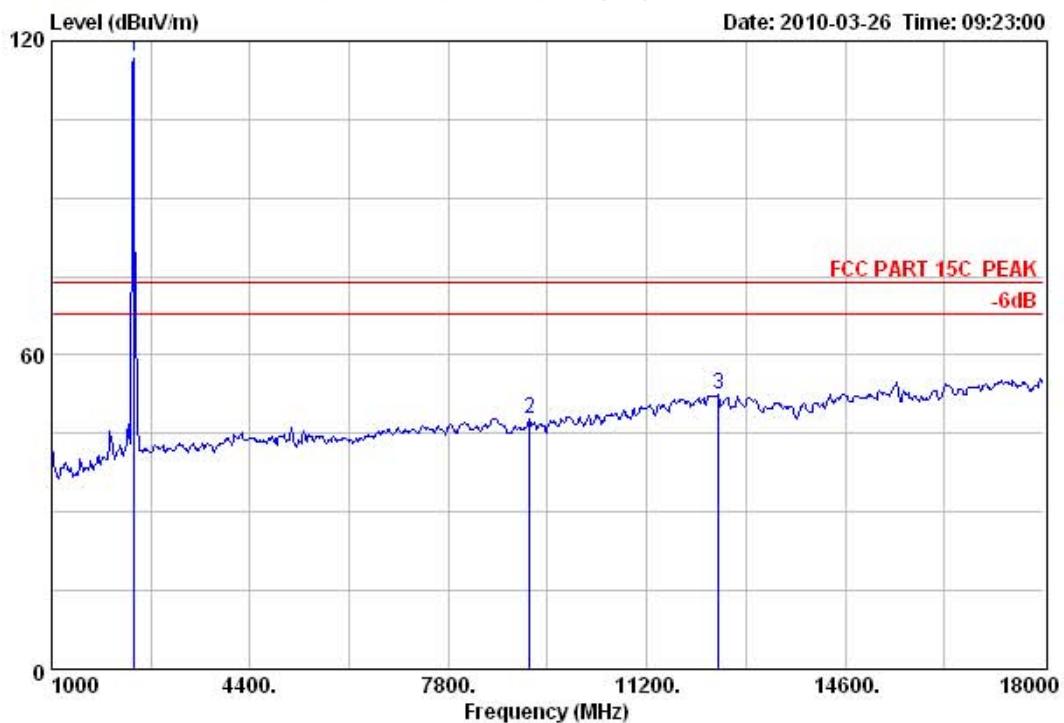
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 247

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:23:00



Test Site : 966 Chamber  
 Limit : FCC PART 15C PEAK  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH1 2422MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
1 2422.00	116.85	74.00	-42.85	83.10	31.52	2.23	Peak
2 9194.00	47.89	74.00	26.11	7.99	37.25	2.65	Peak
3 12424.00	52.43	74.00	21.57	9.61	39.97	2.85	Peak



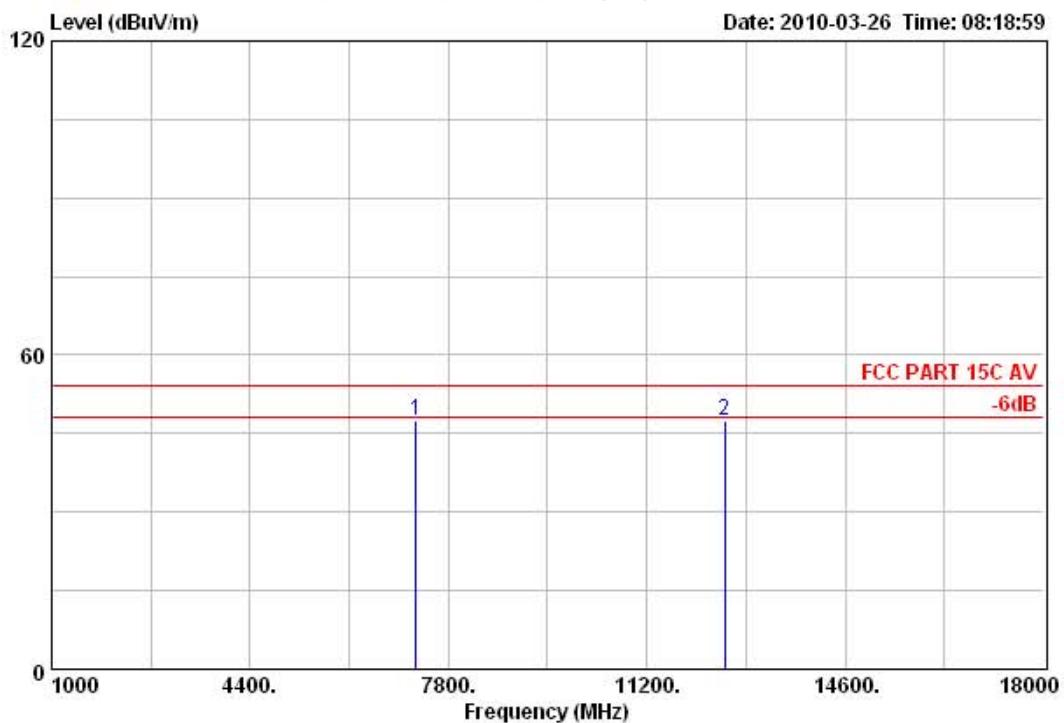
# NS Technology

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Fax: +86-769-85991080

Data: 248

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:18:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH1 2412MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7239.00	47.54	54.00	6.46	8.16	36.85	2.53	Average
21254.30	47.55	54.00	6.45	4.67	40.03	2.85	Average



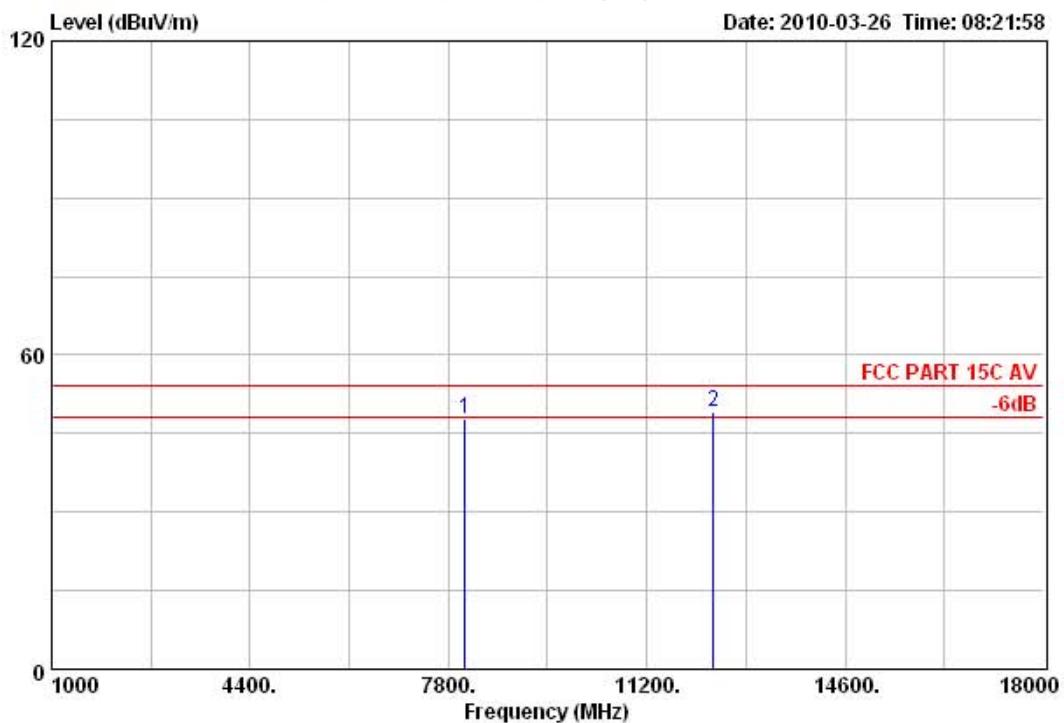
# NS Technology

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Fax: +86-769-85991080

Data: 249

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:21:58



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8089.00	47.68	54.00	6.32	8.12	36.98	2.58	Average
2 12339.00	49.01	54.00	4.99	6.23	39.94	2.84	Average



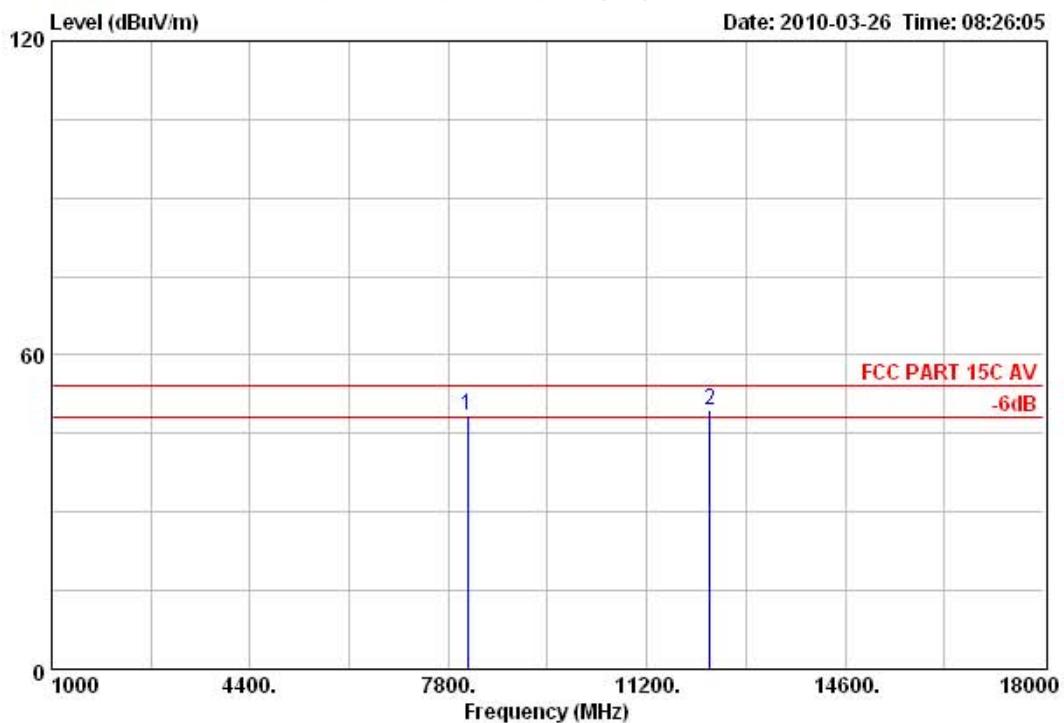
# NS Technology

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Fax: +86-769-85991080

Data: 250

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:26:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8123.00	48.31	54.00	5.69	8.76	36.97	2.58	Average
2 21228.80	49.41	54.00	4.59	6.65	39.92	2.84	Average



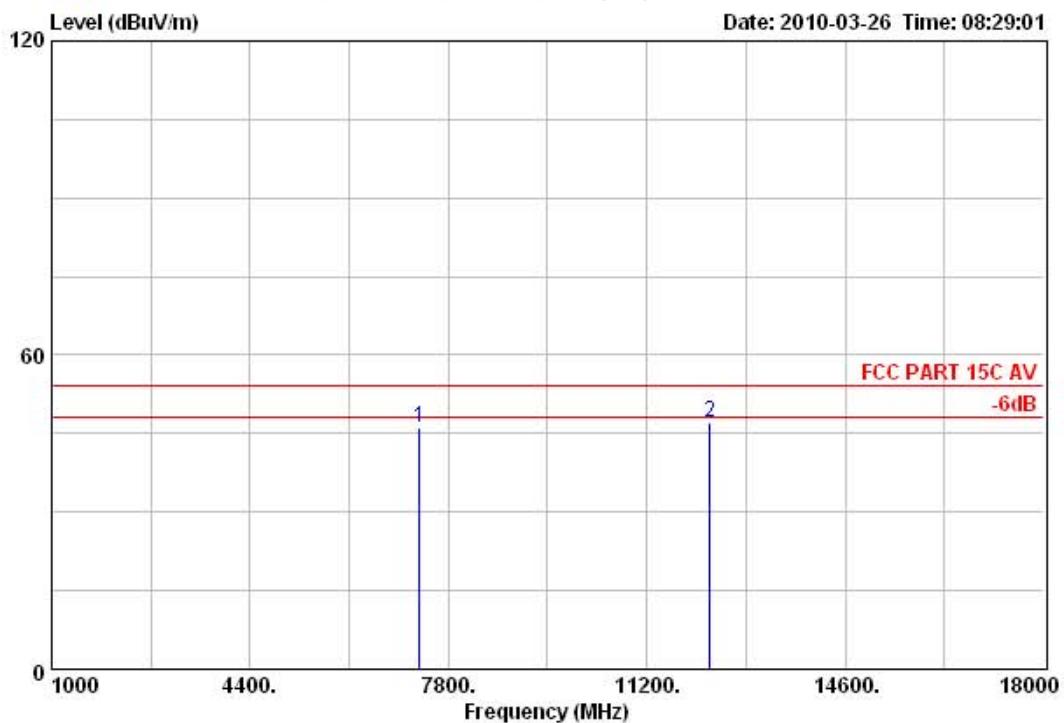
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 251

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:29:01



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7307.00	46.05	54.00	7.95	6.68	36.84	2.53	Average
2 21228.80	47.12	54.00	6.88	4.36	39.92	2.84	Average



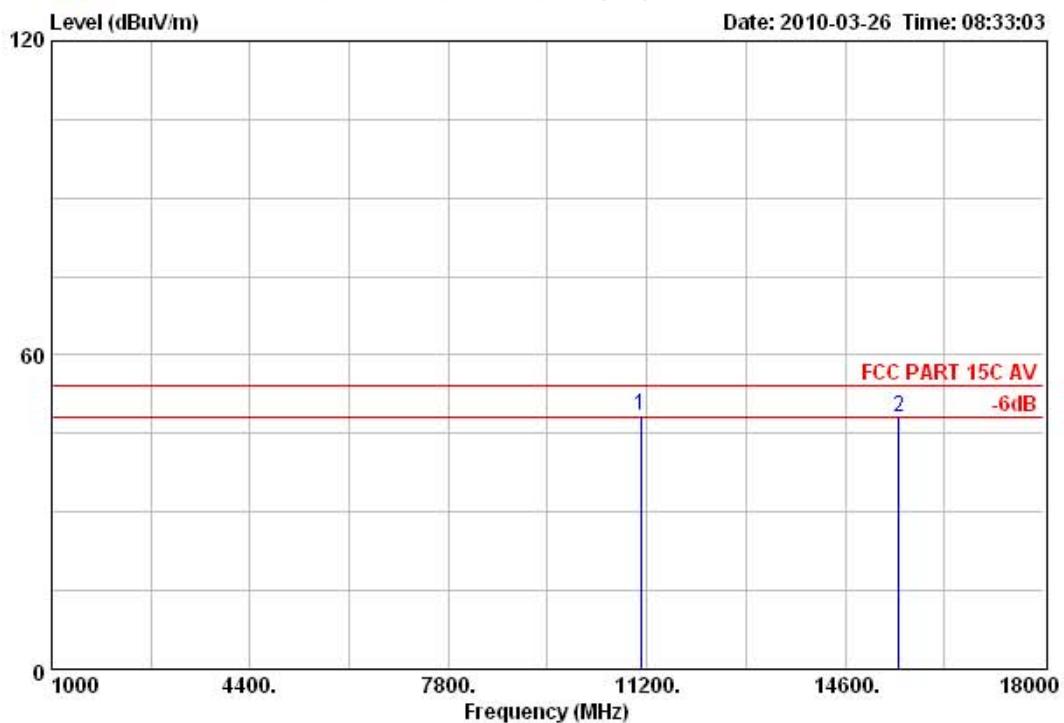
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
Dongguan, Guangdong, China  
Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 252

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:33:03



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
111098.00	48.47	54.00	5.53	7.25	38.45	2.77	Average
215518.00	48.05	54.00	5.95	3.29	41.73	3.03	Average



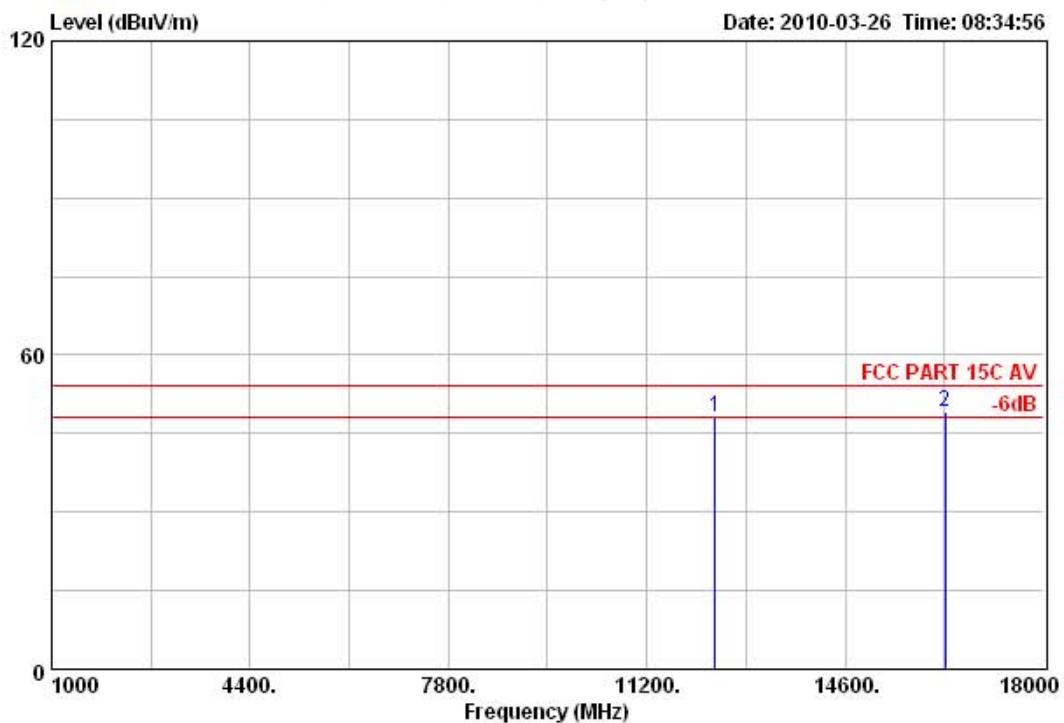
# NS Technology

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Dongguan, Guangdong, China  
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Fax: +86-769-85991080

Data: 253

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:34:56



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11g CH11 2462MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
112373.00	48.02	54.00	5.98	5.23	39.95	2.84	Average
216317.00	49.26	54.00	4.74	3.53	42.65	3.08	Average



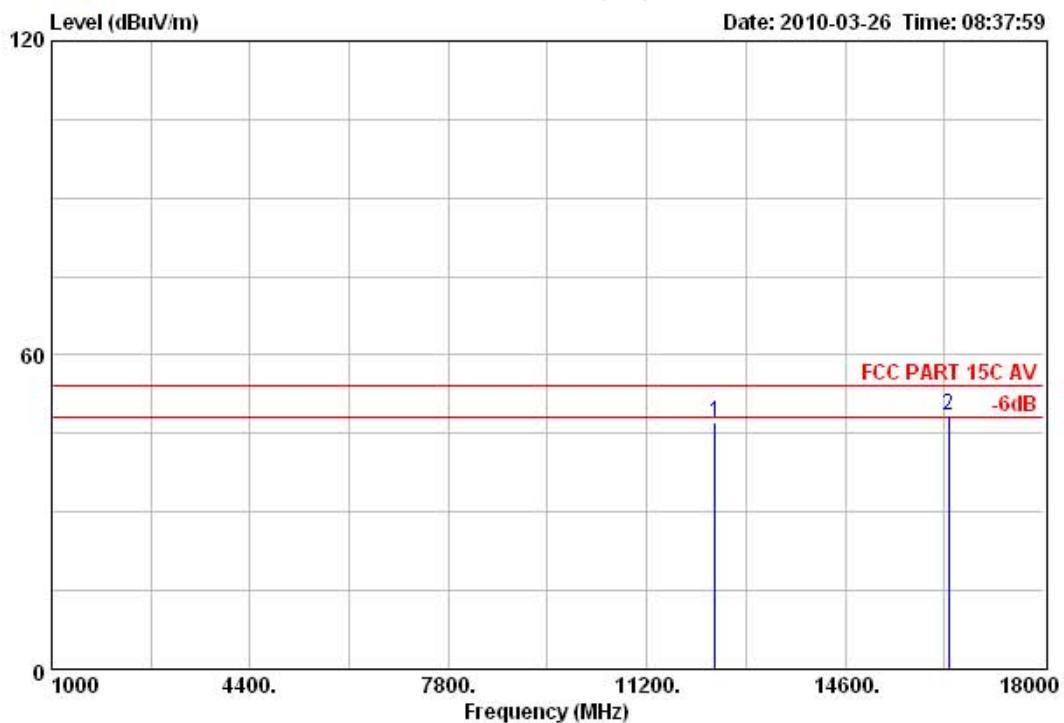
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 254

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:37:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
112373.00	47.01	54.00	6.99	4.22	39.95	2.84	Average
216368.00	48.62	54.00	5.38	2.84	42.70	3.08	Average



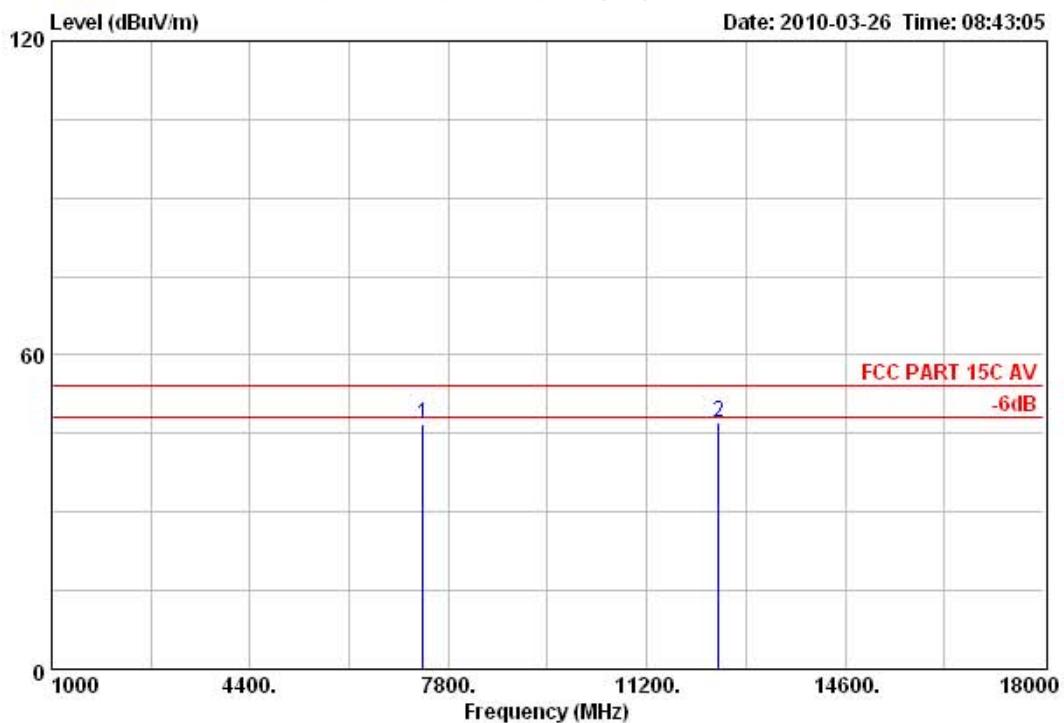
# NS Technology

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Dongguan, Guangdong, China  
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Fax: +86-769-85991080

Data: 255

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:43:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH11 2462MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7358.00	46.77	54.00	7.23	7.41	36.83	2.53	Average
2 12424.00	47.05	54.00	6.95	4.23	39.97	2.85	Average



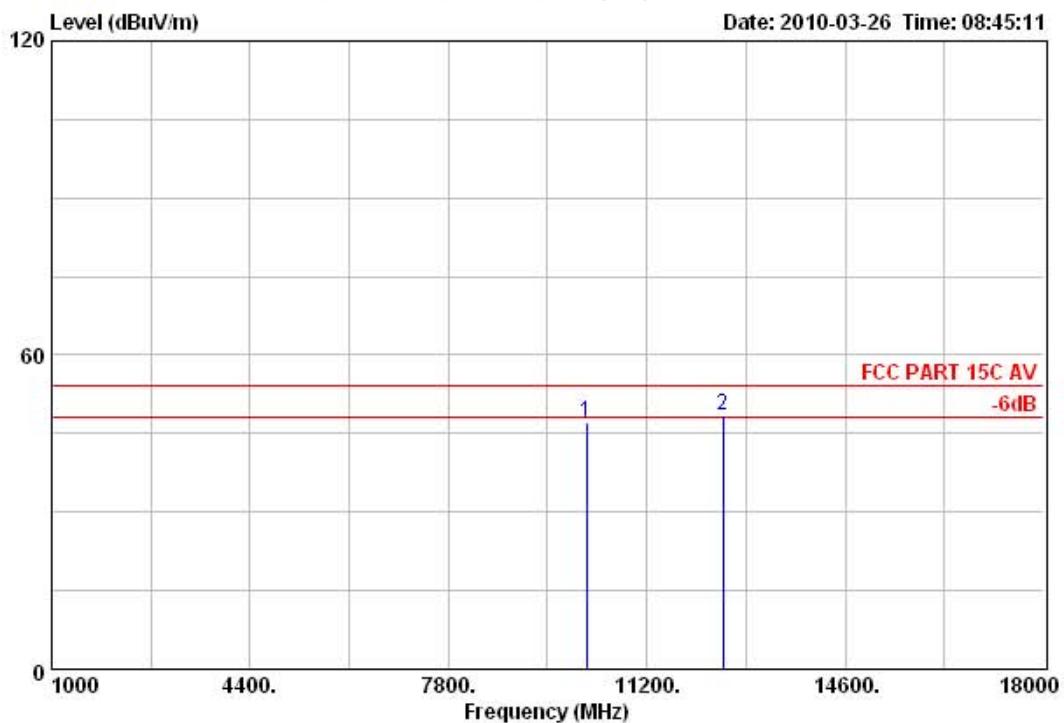
# NS Technology

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Dongguan, Guangdong, China  
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Fax: +86-769-85991080

Data: 256

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:45:11



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH6 2437MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
110163.00	47.05	54.00	6.95	6.25	38.09	2.71	Average
212509.00	48.59	54.00	5.41	5.73	40.01	2.85	Average



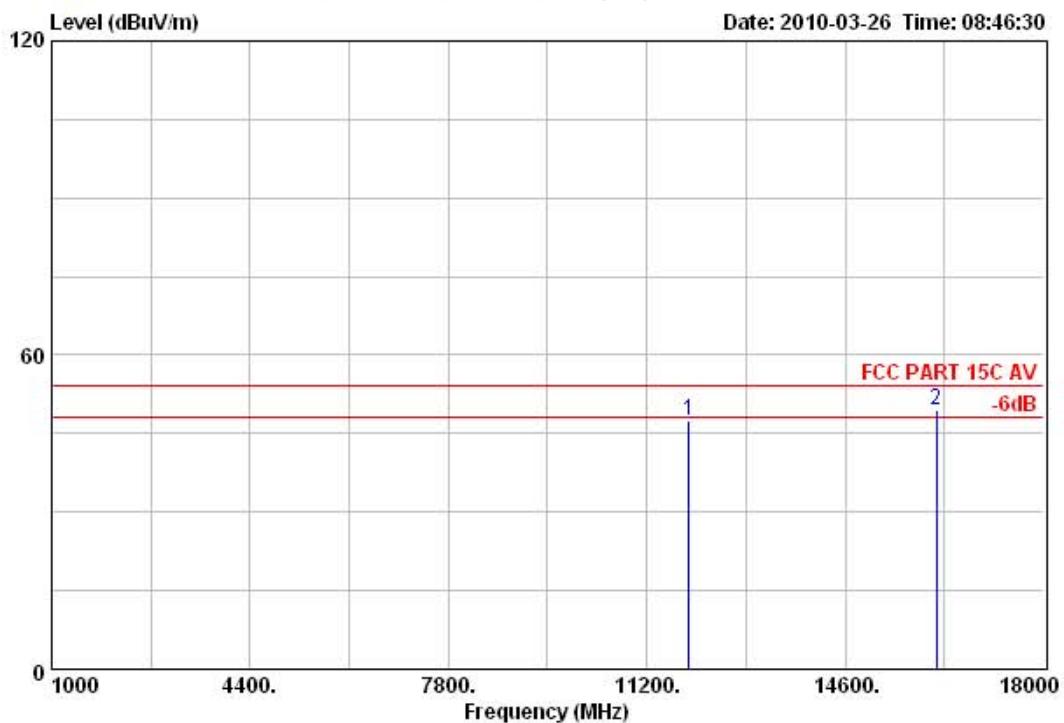
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 257

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:46:30



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH6 2437MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
111914.00	47.56	54.00	6.44	5.07	39.67	2.82	Average
216164.00	49.54	54.00	4.46	3.94	42.53	3.07	Average



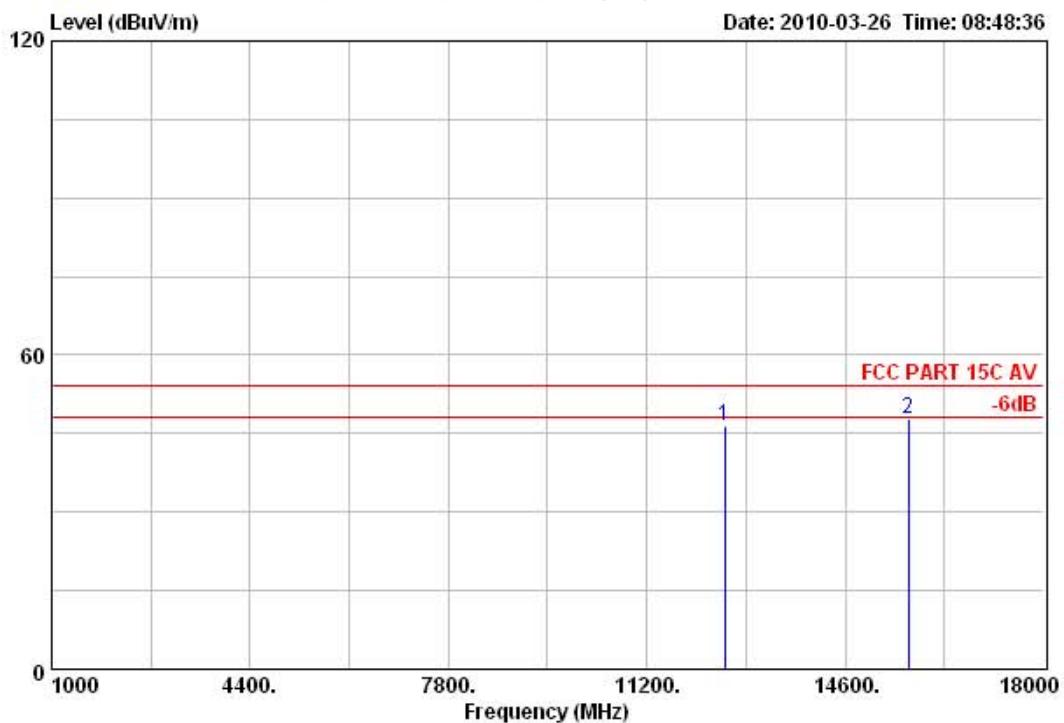
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 258

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:48:36



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH1 2412MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
112543.00	46.47	54.00	7.53	3.59	40.03	2.85	Average
215688.00	47.77	54.00	6.23	2.76	41.97	3.04	Average



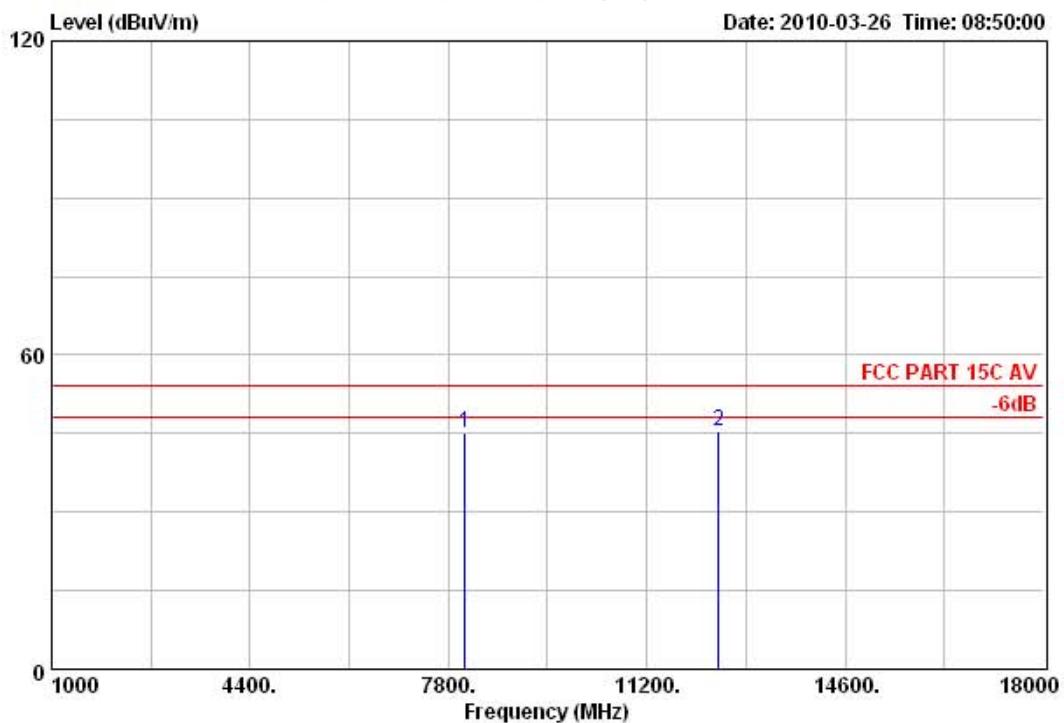
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
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Fax: +86-769-85991080

Data: 259

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:50:00



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11b CH1 2412MHz

Emission				Ant.	Cable		
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8089.00	45.20	54.00	8.80	5.64	36.98	2.58	Average
21242.40	45.43	54.00	8.57	2.61	39.97	2.85	Average



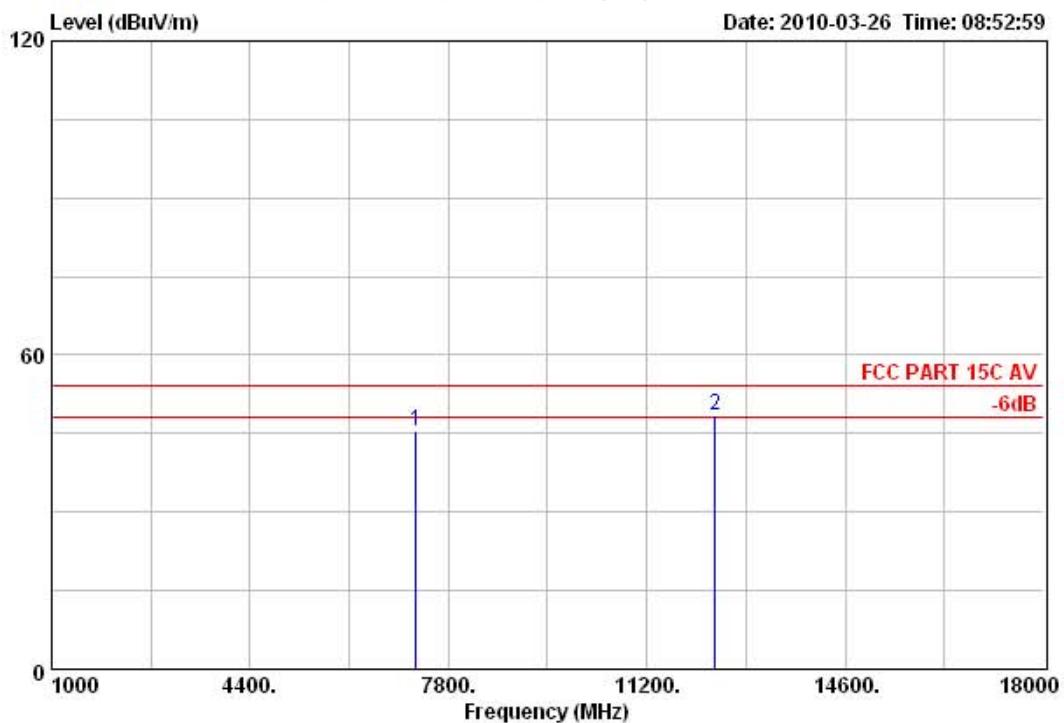
# NS Technology

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Data: 260

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:52:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH1 2412MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7239.00	45.54	54.00	8.46	6.16	36.85	2.53	Average
2 21237.30	48.53	54.00	5.47	5.74	39.95	2.84	Average



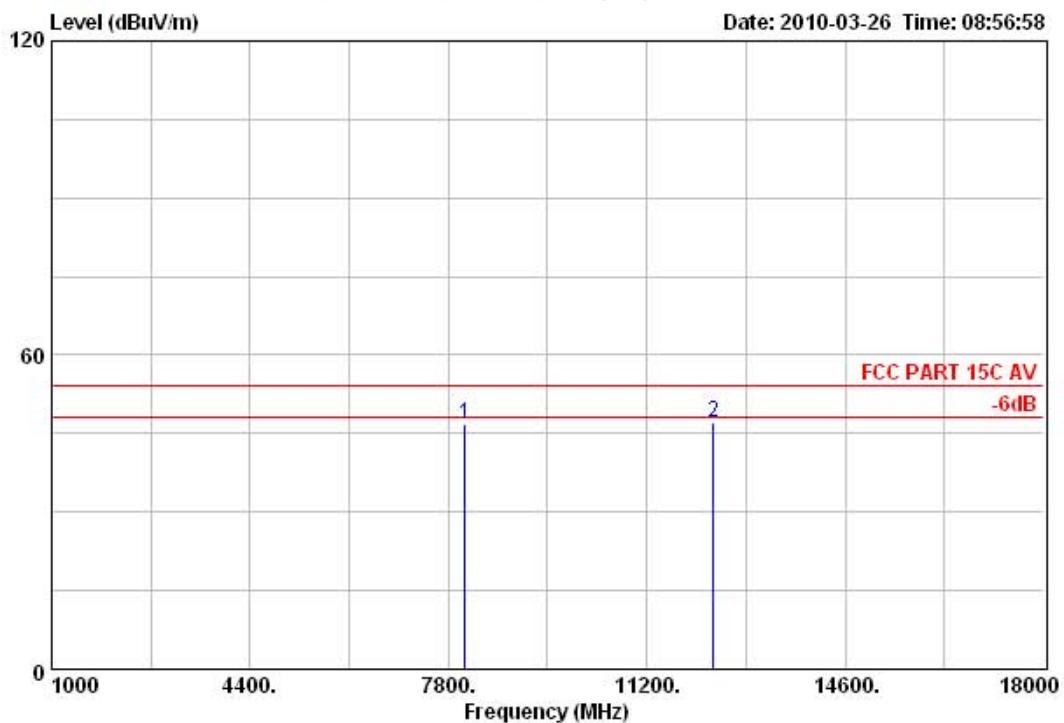
# NS Technology

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Data: 261

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:56:58



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH1 2412MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8089.00	46.68	54.00	7.32	7.12	36.98	2.58	Average
21233.90	47.01	54.00	6.99	4.23	39.94	2.84	Average



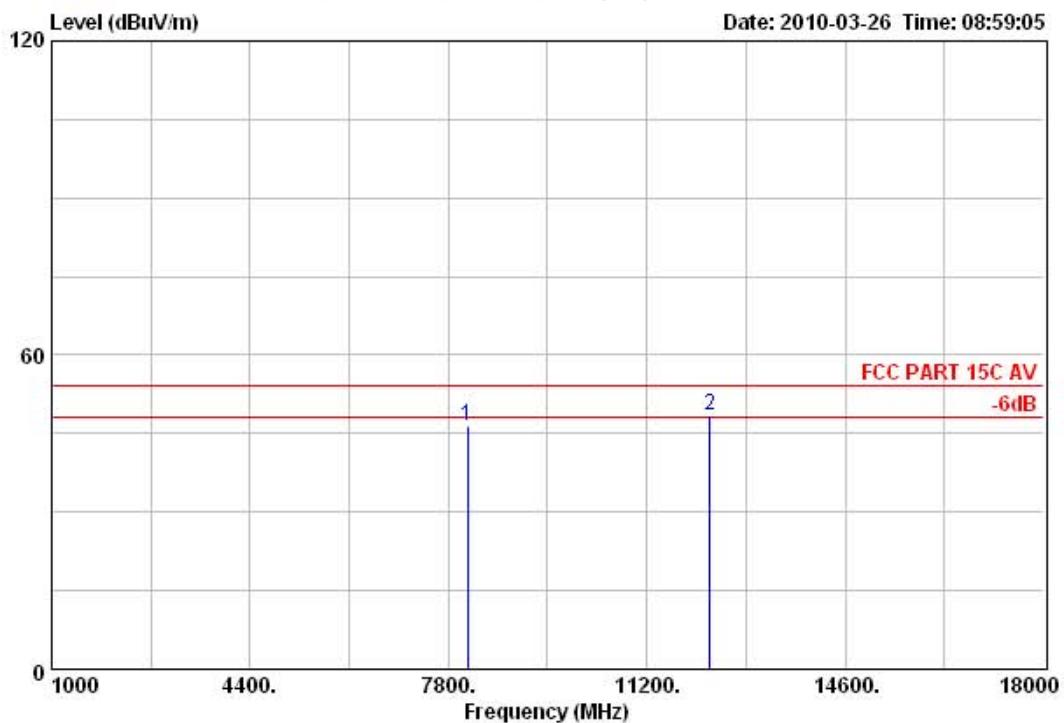
# NS Technology

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Data: 262

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 08:59:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH6 2437MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8123.00	46.31	54.00	7.69	6.76	36.97	2.58	Average
212288.00	48.41	54.00	5.59	5.65	39.92	2.84	Average



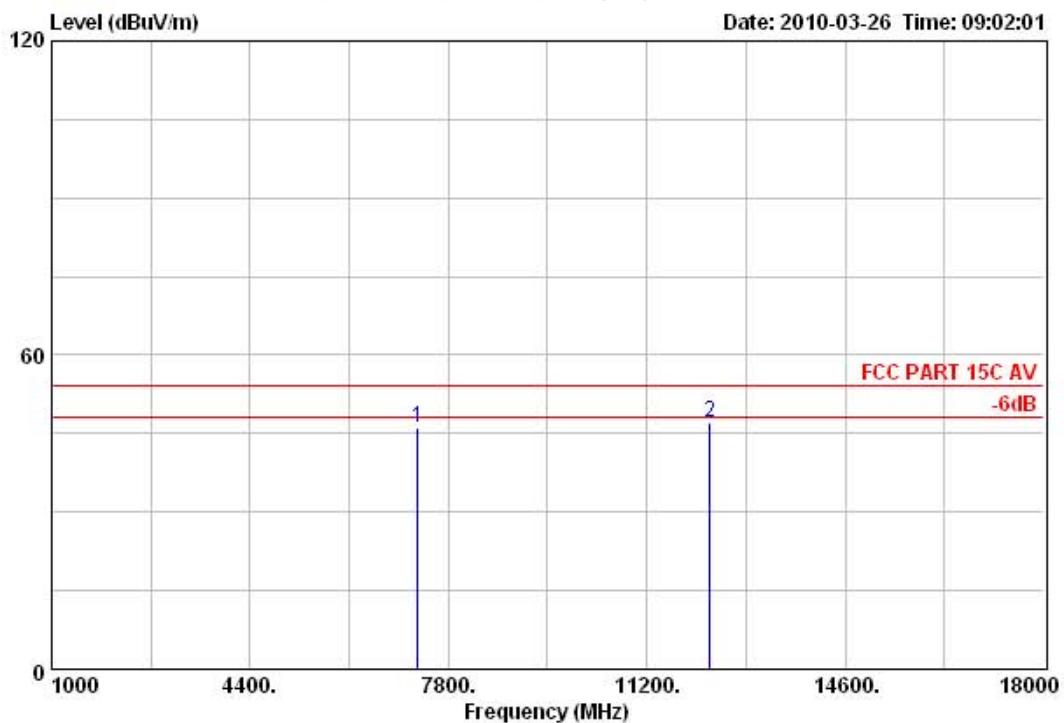
# NS Technology

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Data: 263

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:02:01



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH6 2437MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7273.00	46.09	54.00	7.91	6.71	36.85	2.53	Average
21228.80	47.12	54.00	6.88	4.36	39.92	2.84	Average



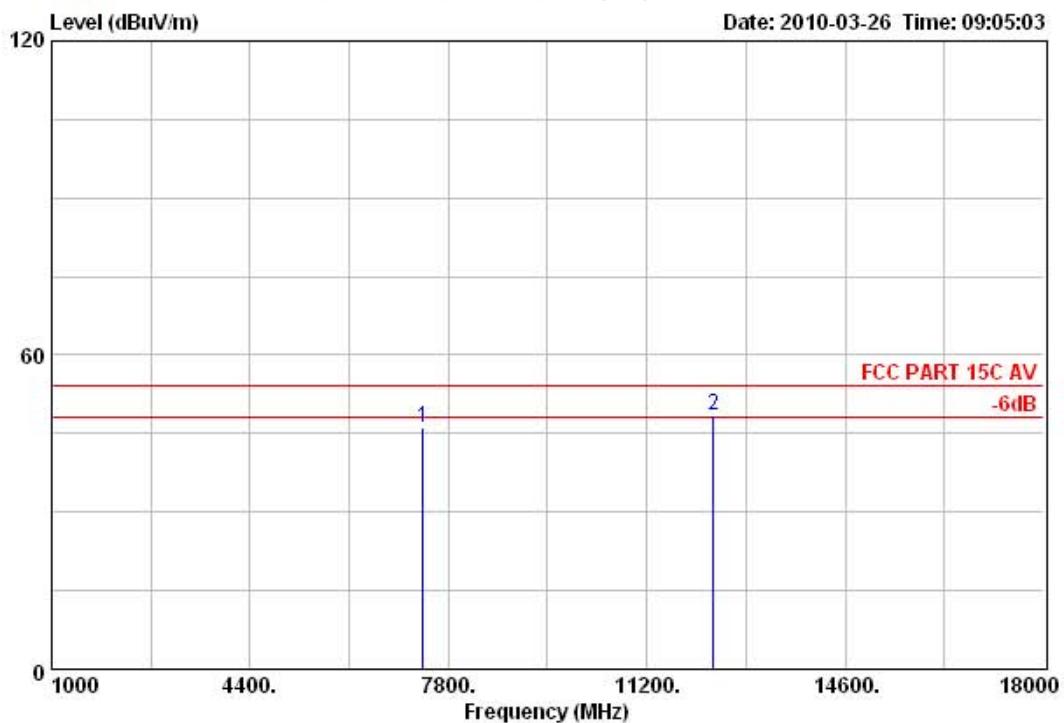
# NS Technology

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Data: 264

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:05:03



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH11 2462MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 7358.00	46.17	54.00	7.83	6.81	36.83	2.53	Average
2 21233.90	48.62	54.00	5.38	5.84	39.94	2.84	Average



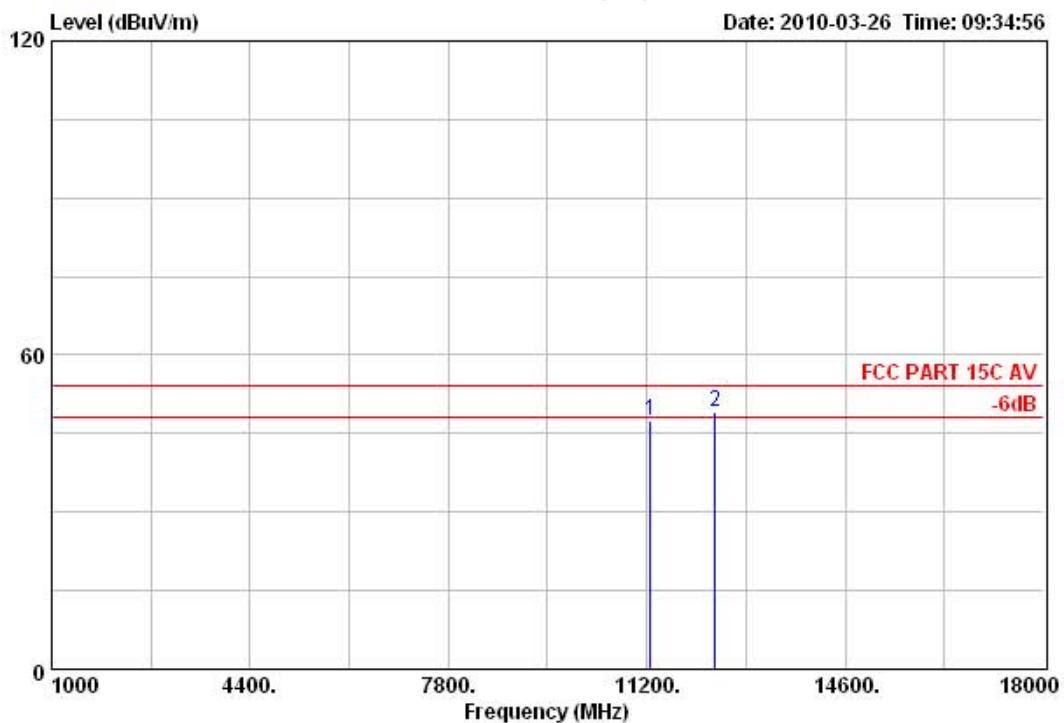
# NS Technology

Chenwu Industrial Zone, Houjie Town,  
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Data: 265

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:34:56



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT20 CH11 2462MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
111268.00	47.46	54.00	6.54	5.97	38.71	2.78	Average
212373.00	49.02	54.00	4.98	6.23	39.95	2.84	Average



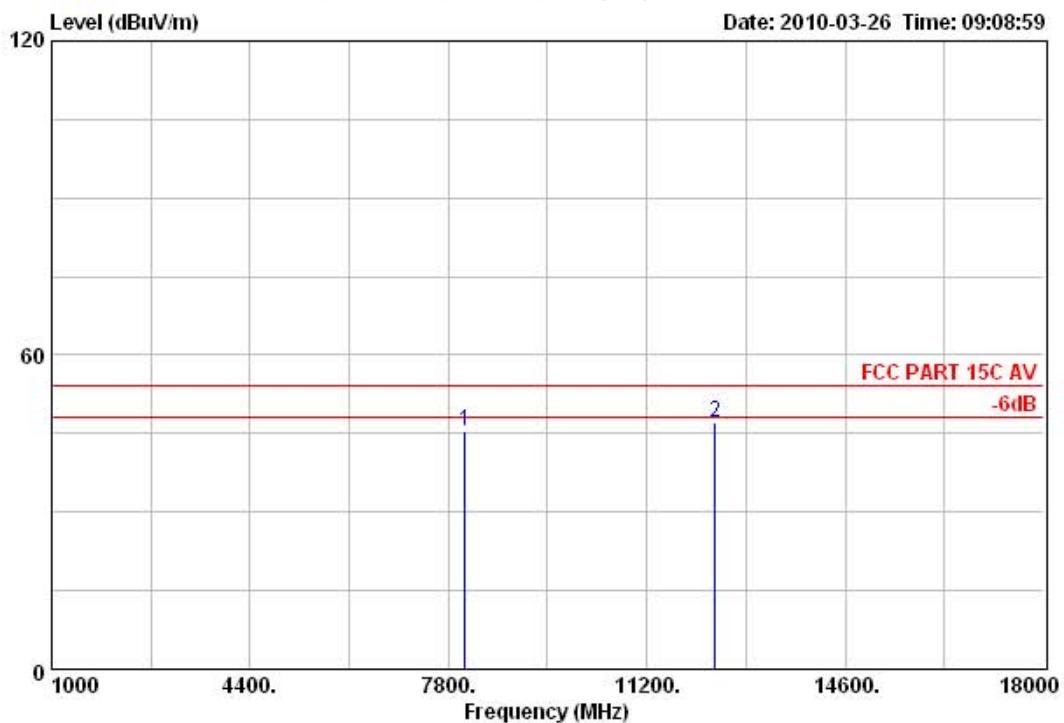
# NS Technology

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Dongguan, Guangdong, China  
Tel: +86-769-85935656  
Fax: +86-769-85991080

Data: 266

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:08:59



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH7 2452MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8089.00	45.50	54.00	8.50	5.94	36.98	2.58	Average
2 21237.30	47.01	54.00	6.99	4.22	39.95	2.84	Average



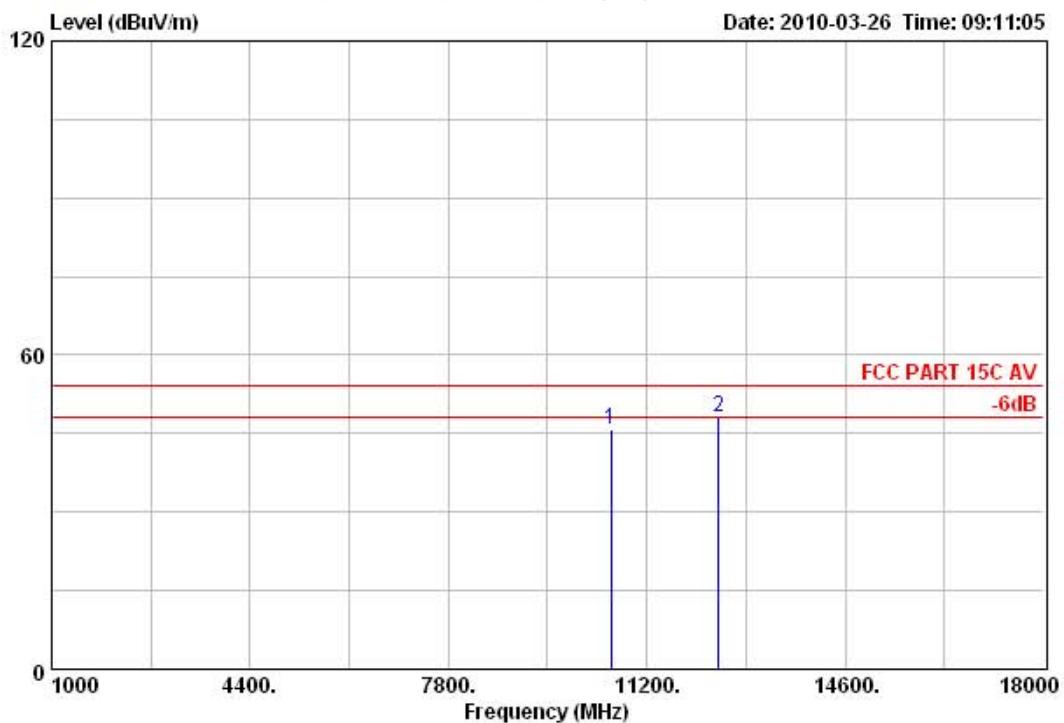
# NS Technology

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Fax: +86-769-85991080

Data: 267

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:11:05



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH7 2452MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
110588.00	45.89	54.00	8.11	4.85	38.30	2.74	Average
212424.00	48.05	54.00	5.95	5.23	39.97	2.85	Average



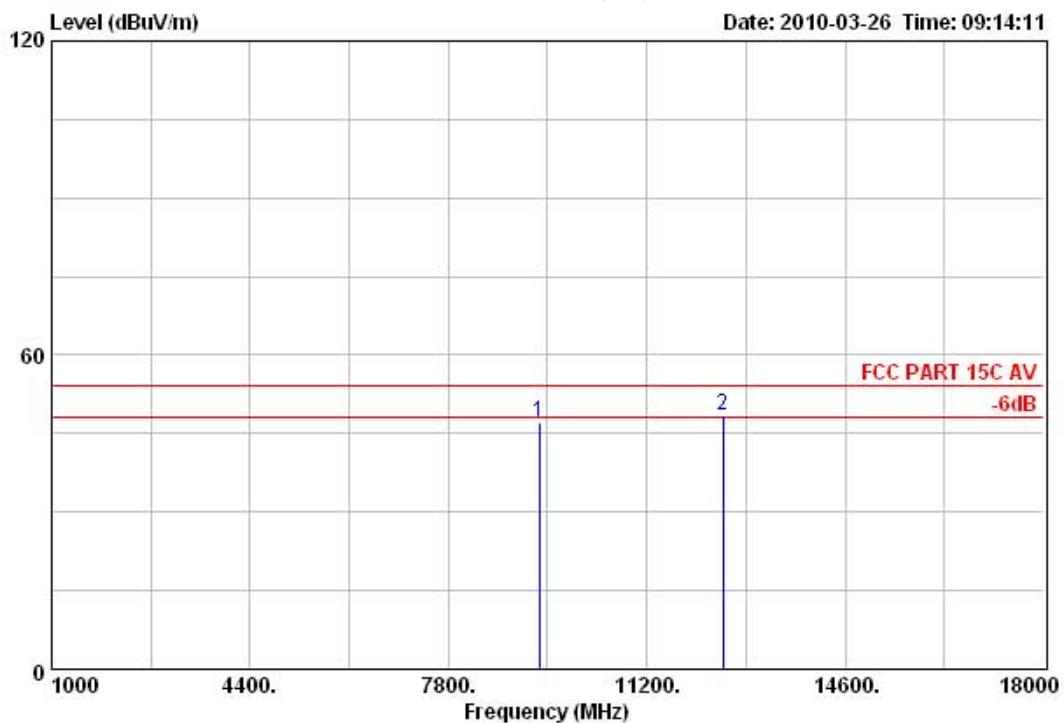
# NS Technology

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Data: 268

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:14:11



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH4 2437MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 9364.00	47.00	54.00	7.00	6.95	37.39	2.66	Average
2 212509.00	48.59	54.00	5.41	5.73	40.01	2.85	Average



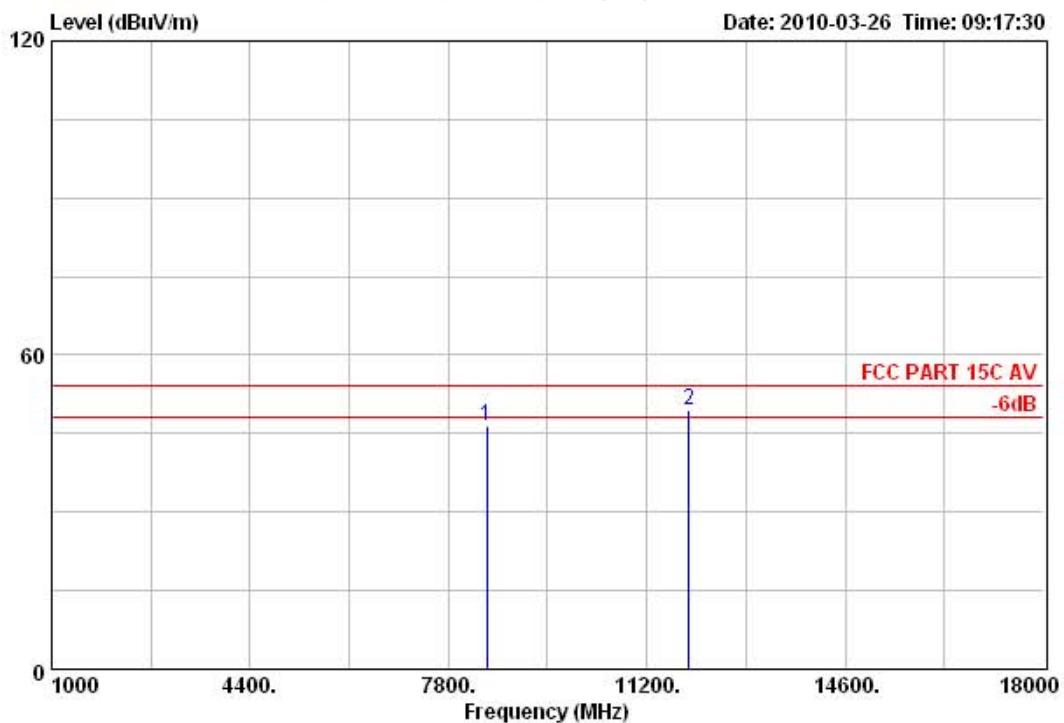
# NS Technology

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Tel:+86-769-85935656  
Fax:+86-769-85991080

Data: 269

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:17:30



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH4 2437MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8463.00	46.54	54.00	7.46	7.03	36.91	2.60	Average
211914.00	49.56	54.00	4.44	7.07	39.67	2.82	Average



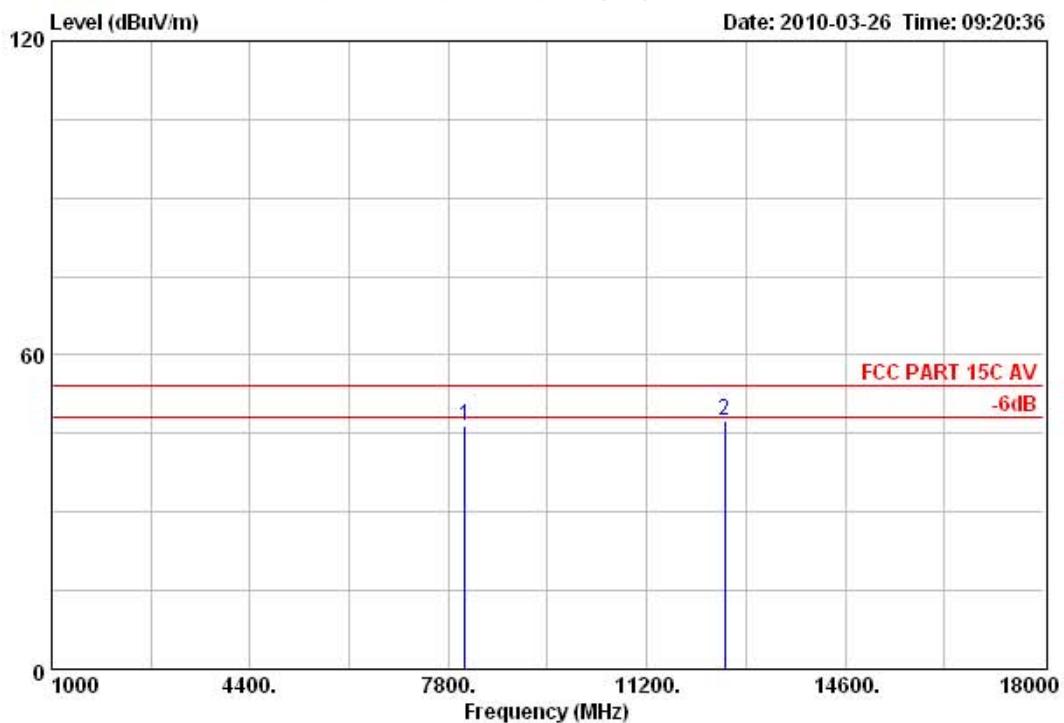
# NS Technology

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Dongguan, Guangdong, China  
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Fax: +86-769-85991080

Data: 270

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:20:36



Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: HORIZONTAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH1 2422MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 8089.00	46.56	54.00	7.44	7.00	36.98	2.58	Average
2 21254.30	47.47	54.00	6.53	4.59	40.03	2.85	Average



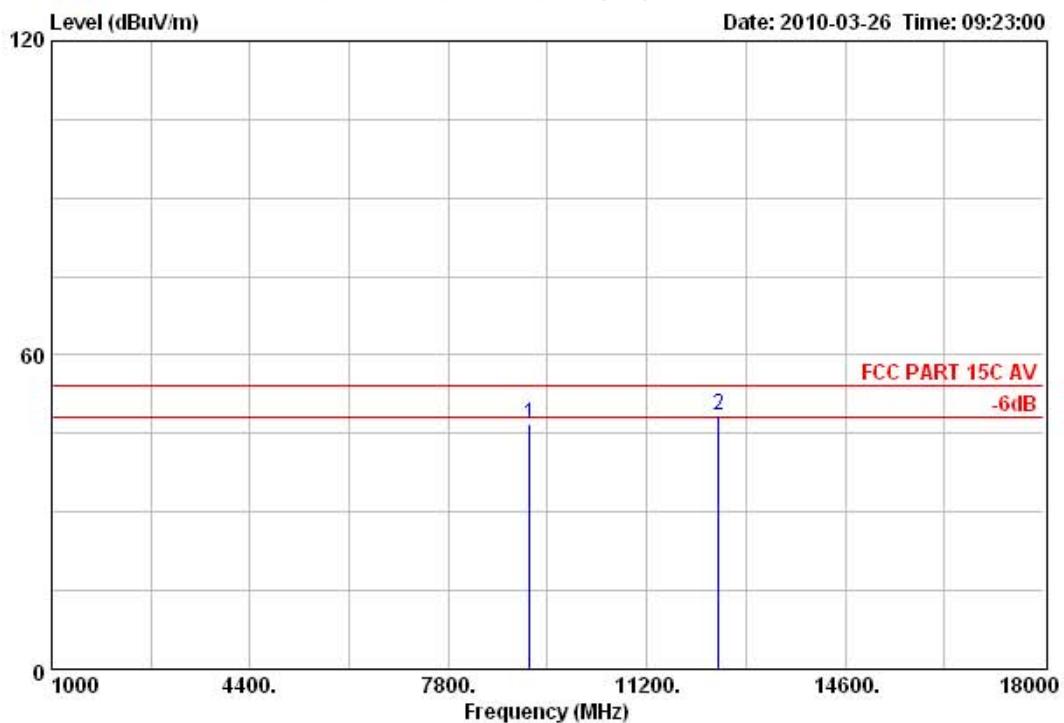
# NS Technology

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Data: 271

File: D:\Radiation data\ZIONCOM1.EMI (335)

Date: 2010-03-26 Time: 09:23:00



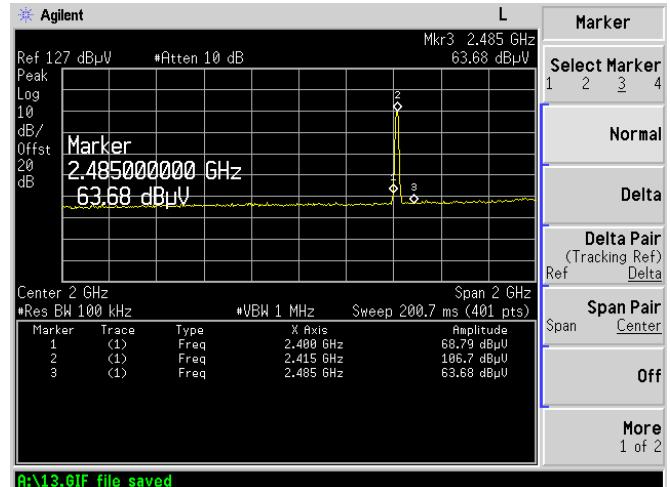
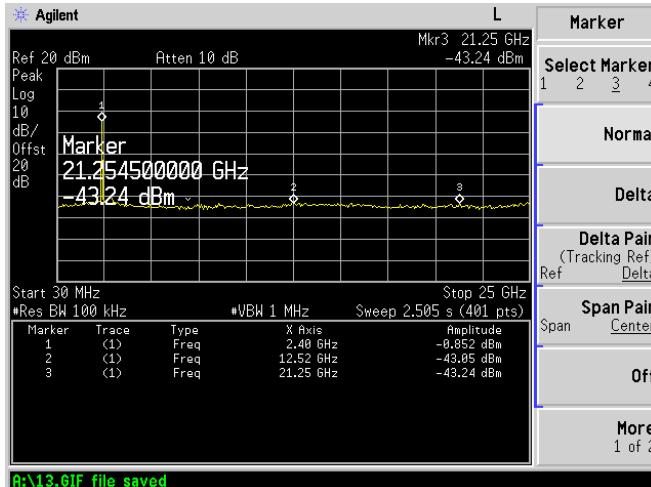
Test Site : 966 Chamber  
 Limit : FCC PART 15C AV  
 Dis. / Ant. : 3m 3117 Ant. Pol.: VERTICAL  
 EUT : Wireless USB Adapter  
 M/N : WL0149  
 Power : DC 5V from PC input AC 120V/60Hz  
 Test Engineer : Jade  
 Comment : Temp.:25.2'C Humi.:56% Press:101.51kPa  
 Test Mode : TX Mode 802.11n HT40 CH1 2422MHz

Emission				Ant. Cable			
Freq. (MHz)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reading (dBuV)	Factor	Loss (dB/m)	Remark
<hr/>							
1 9194.00	46.89	54.00	7.11	6.99	37.25	2.65	Average
2 212424.00	48.43	54.00	5.57	5.61	39.97	2.85	Average

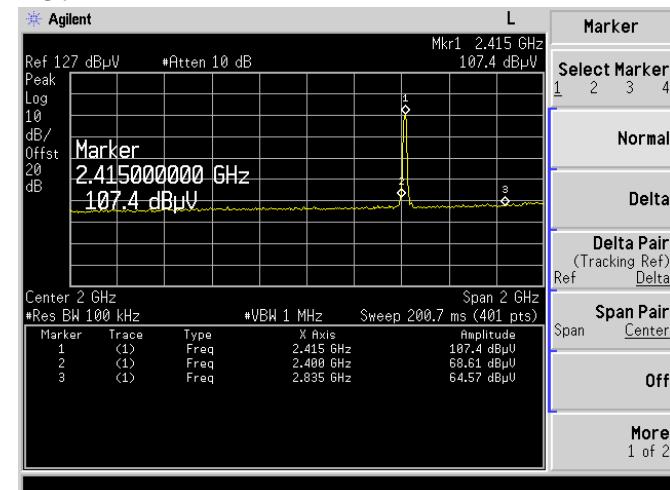
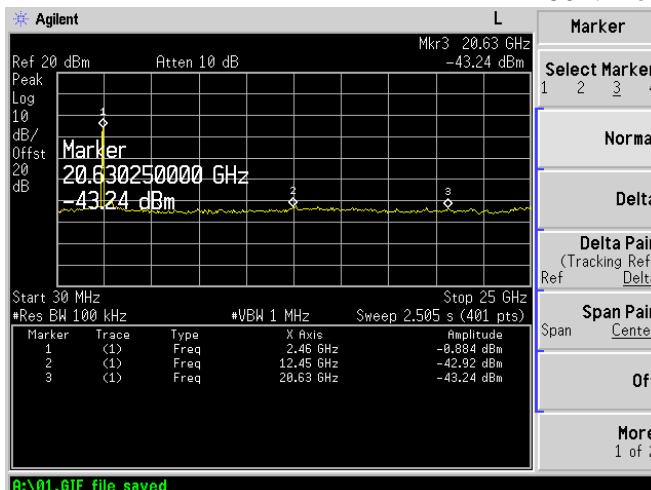


## Conducted emission test data

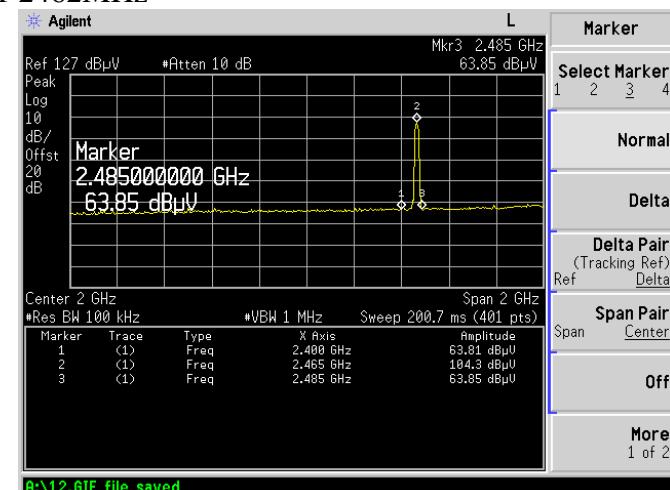
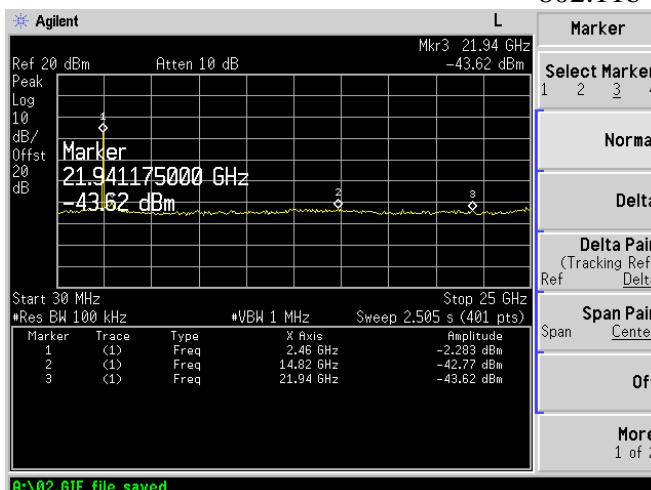
### 802.11b CH1 2412MHz



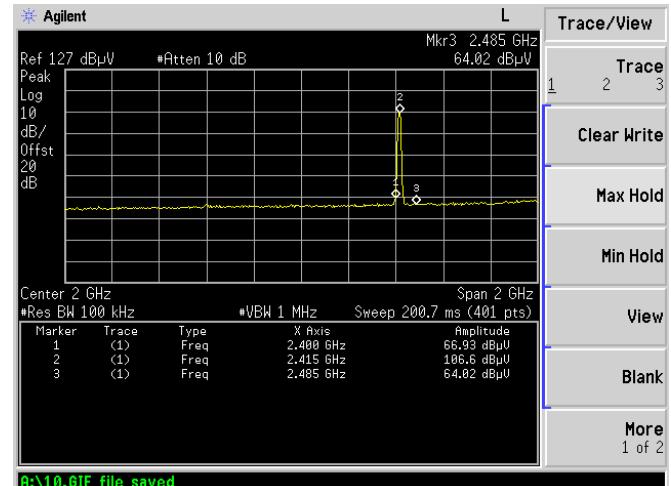
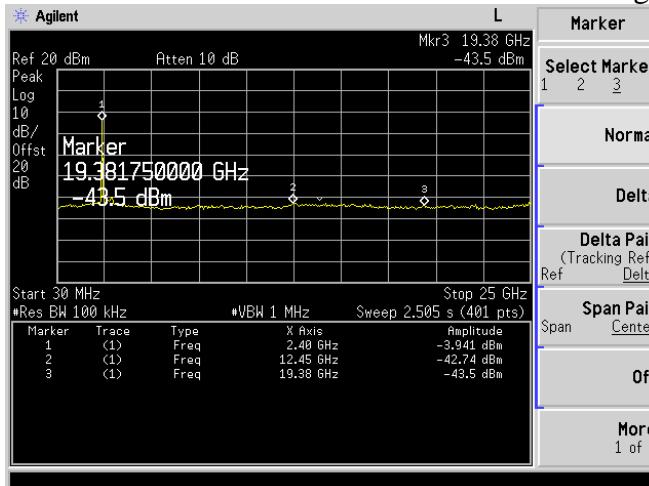
### 802.11b CH6 2437MHz



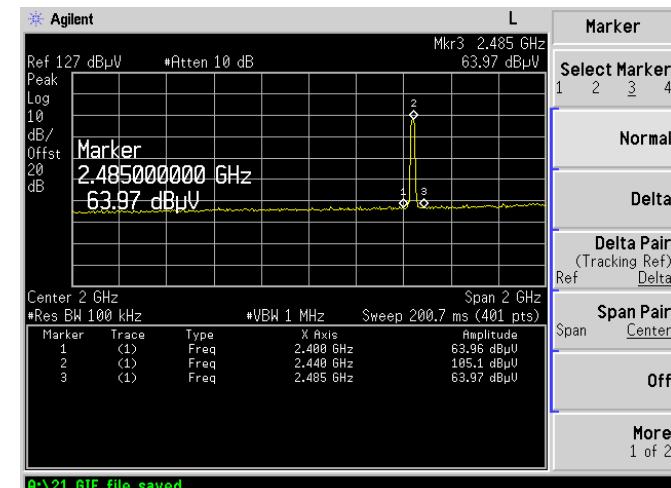
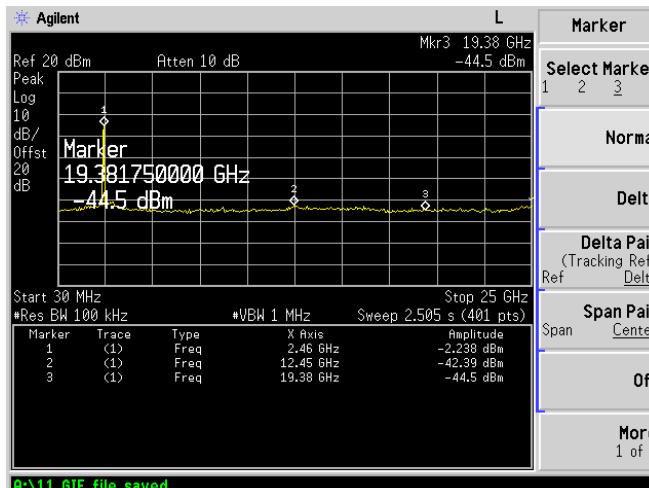
### 802.11b CH11 2462MHz



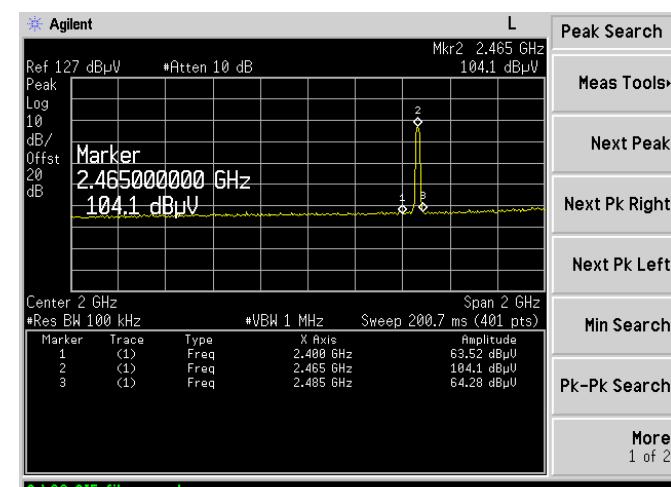
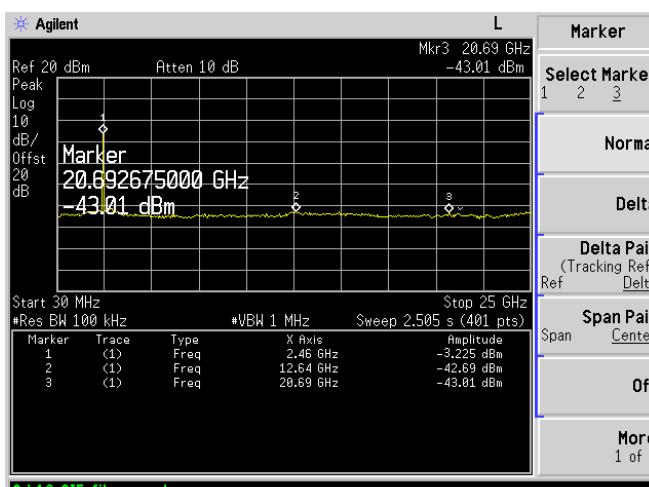
## 802.11g CH1 2412MHz



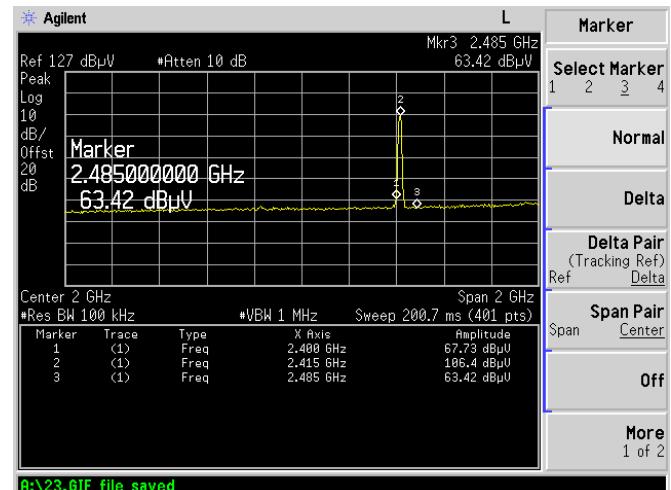
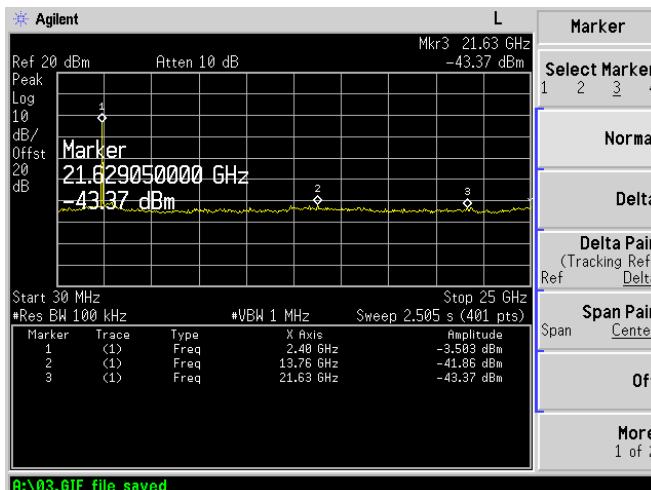
## 802.11g CH6 2437MHz



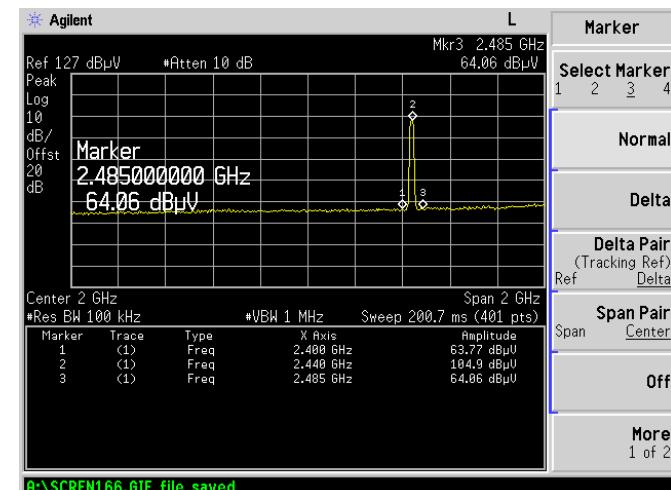
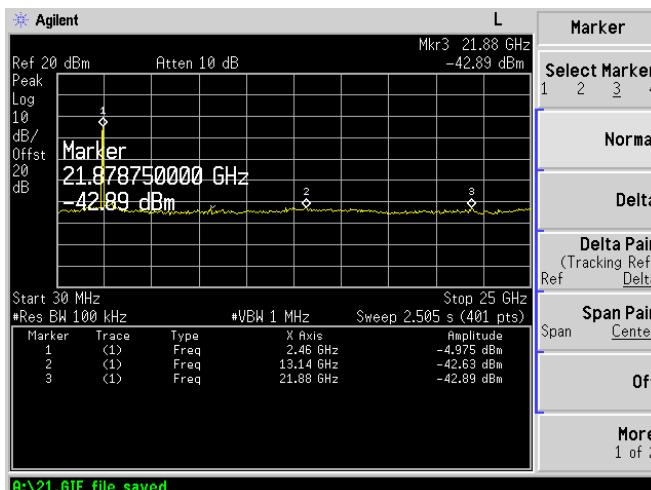
## 802.11g CH11 2462MHz



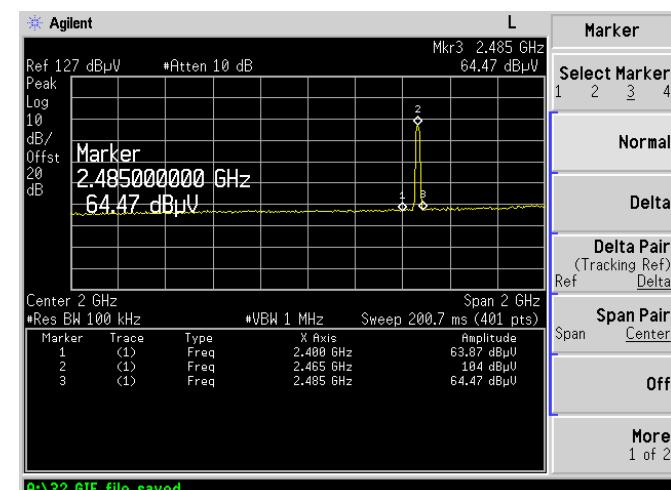
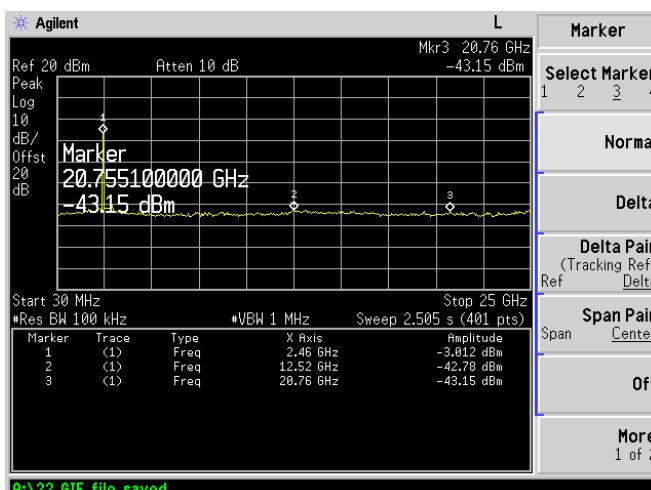
## 802.11n HT20 CH1 2412MHz



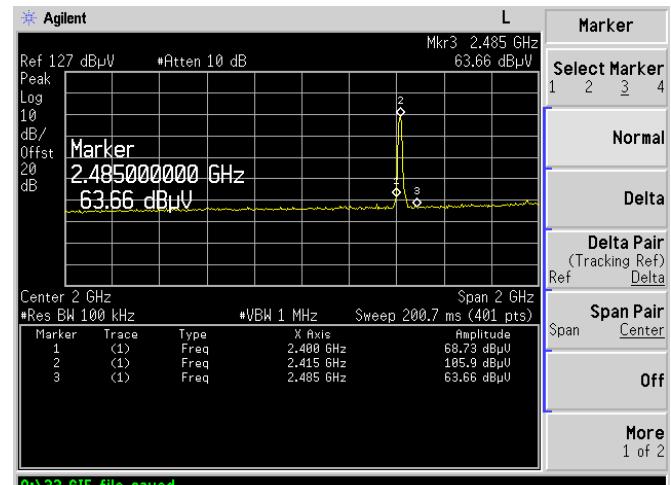
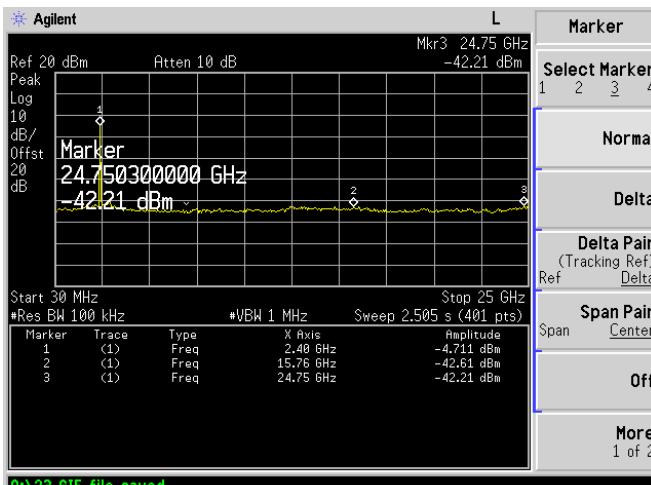
## 802.11n HT20 CH6 2437MHz



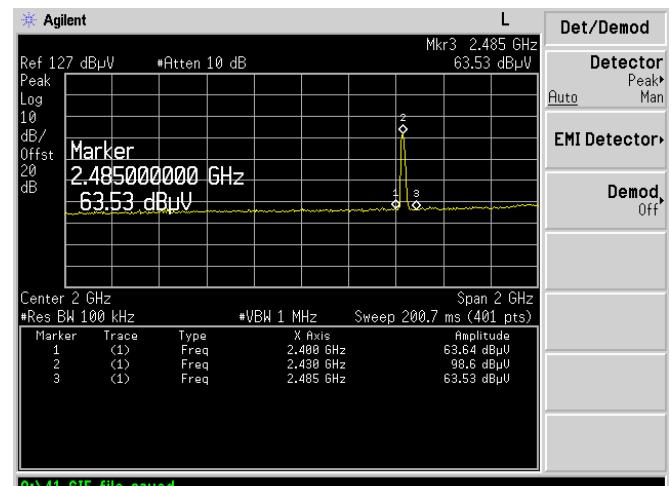
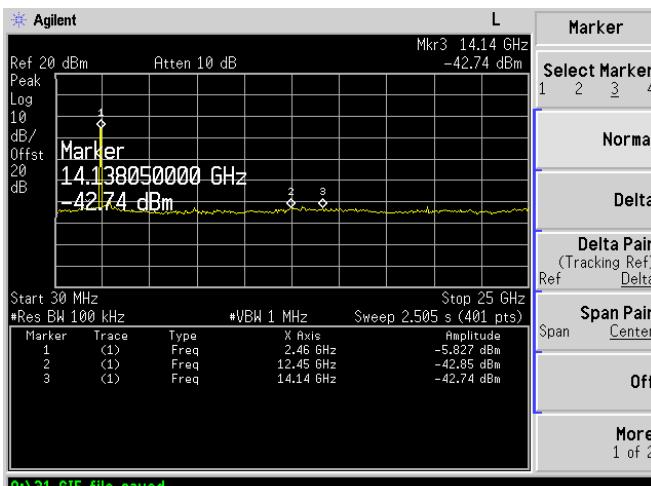
## 802.11n HT20 CH11 2462MHz



## 802.11n HT40 CH1 2422MHz



## 802.11n HT40 CH4 2437MHz



## 802.11n HT40 CH7 2452MHz

