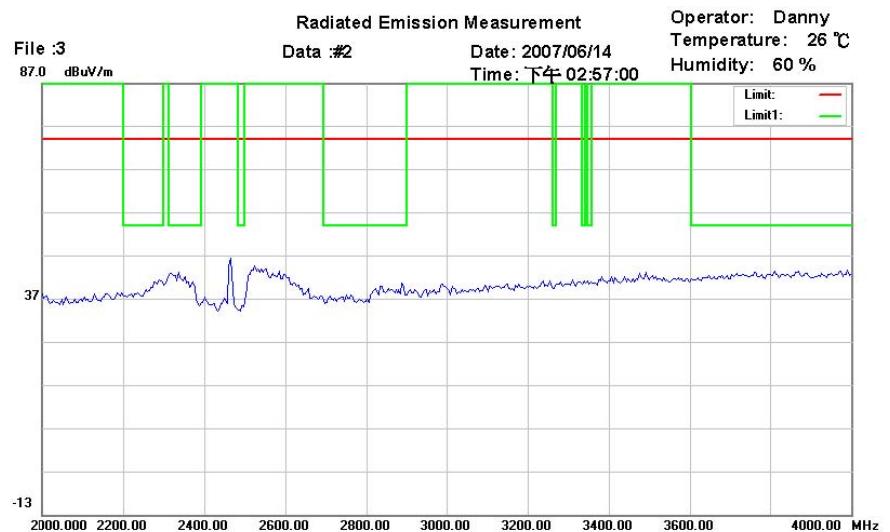


Registration number: W6M20701-7793-C-1

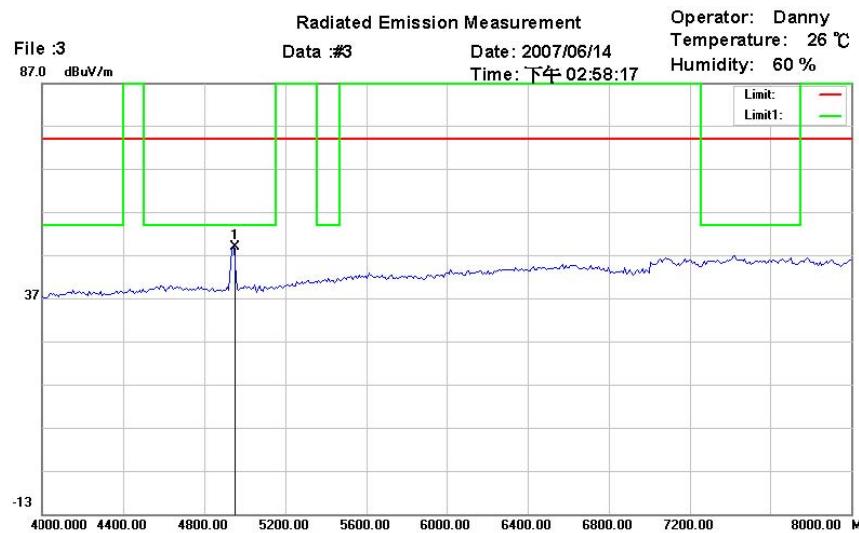
FCC ID: UVZCT1100



Site : site #1
 Condition : FCC 15.247
 Company : W6M20701-7793
 EUT Model: CT1100 (for Pad)
 Execute Program : 802.11g CH11 TX
 Note :

Polarization: *Horizontal*
 Power: AC 110V/60Hz
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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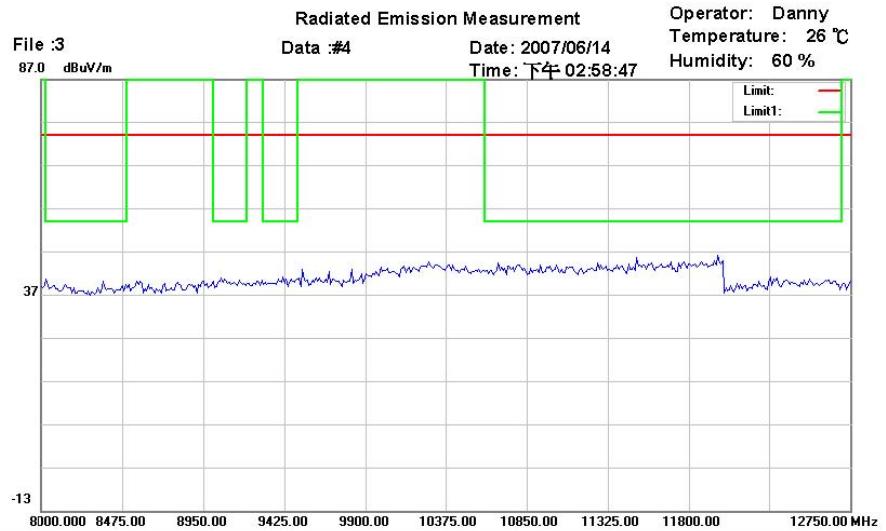
Site : site #1
 Condition : FCC 15.247
 Company : W6M20701-7793
 EUT Model: CT1100 (for Pad)
 Execute Program : 802.11g CH11 TX
 Note :

Polarization: *Horizontal*
 Power: AC 110V/60Hz
 Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4945.892	49.88	peak	-1.12	48.76	74.00	160	154	-25.24	

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : FCC 15.247

Polarization: *Horizontal*

Company : W6M20701-7793

Power: AC 110V/60Hz

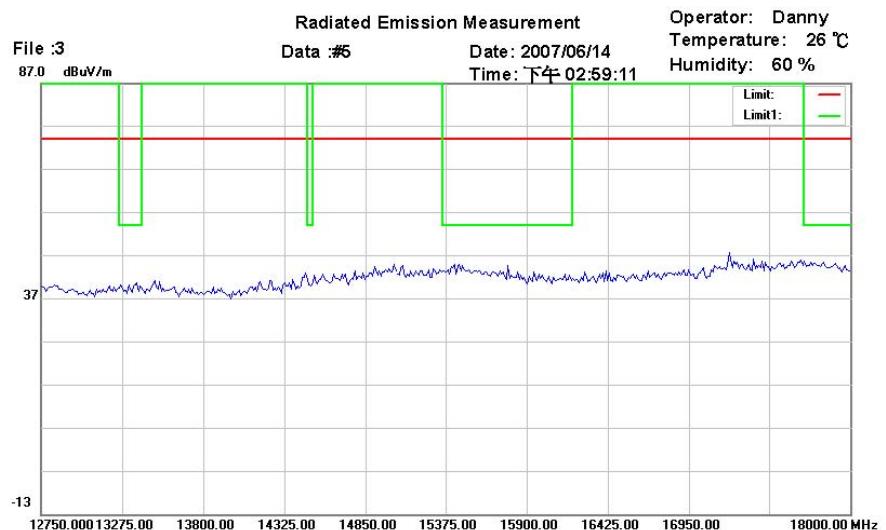
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : site #1

Condition : FCC 15.247

Polarization: *Horizontal*

Company : W6M20701-7793

Power: AC 110V/60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

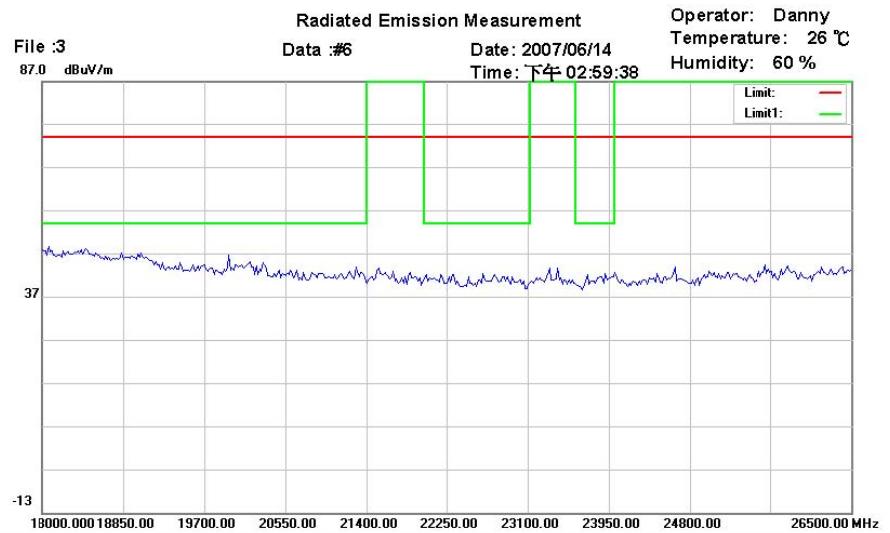
Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : FCC 15.247

Polarization: *Horizontal*

Company : W6M20701-7793

Power: AC 110V/60Hz

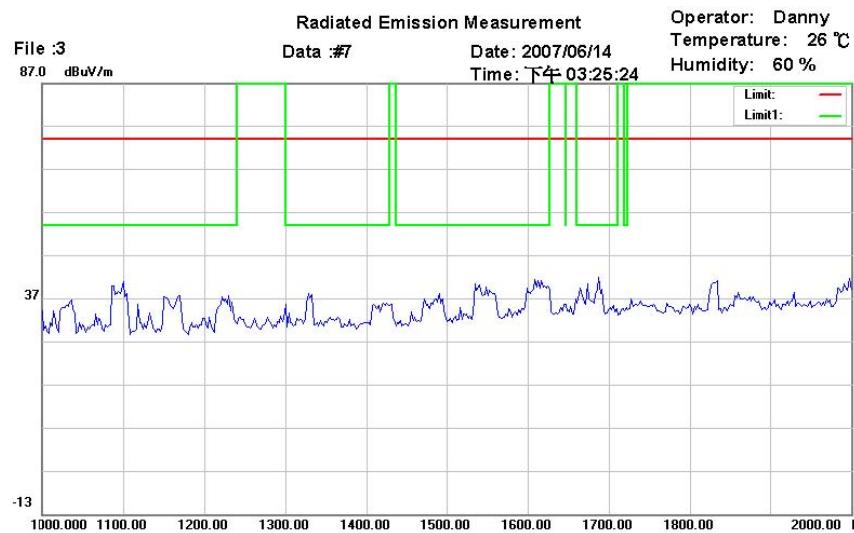
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : site #1

Condition : FCC 15.247

Polarization: *Vertical*

Company : W6M20701-7793

Power: AC 110V/60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

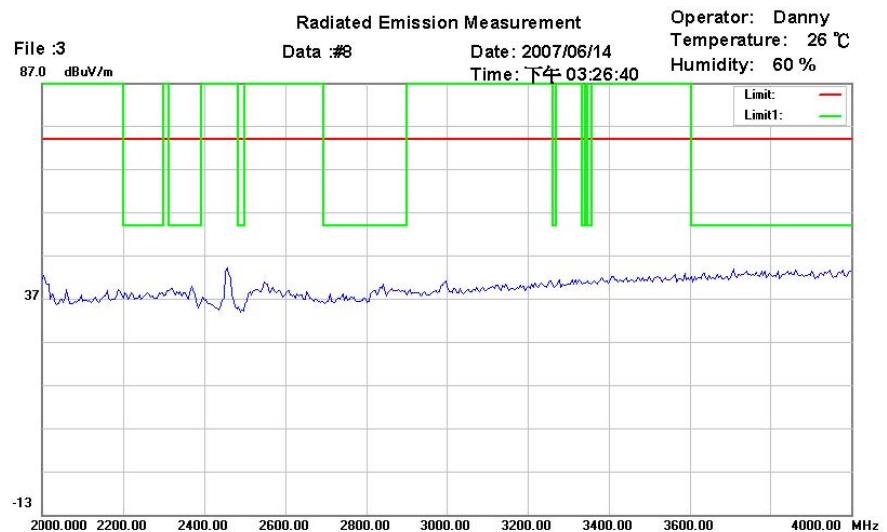
Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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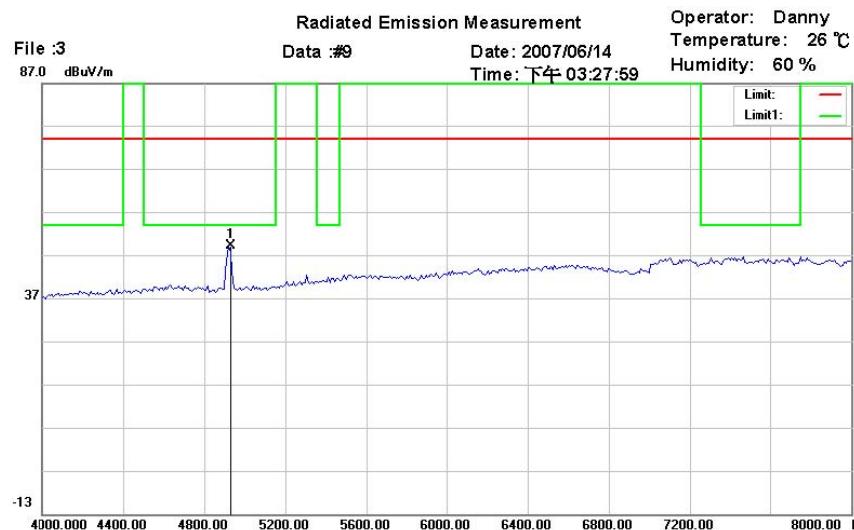
Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1
 Condition : FCC 15.247
 Company : W6M20701-7793
 EUT Model: CT1100 (for Pad)
 Execute Program : 802.11g CH11 TX
 Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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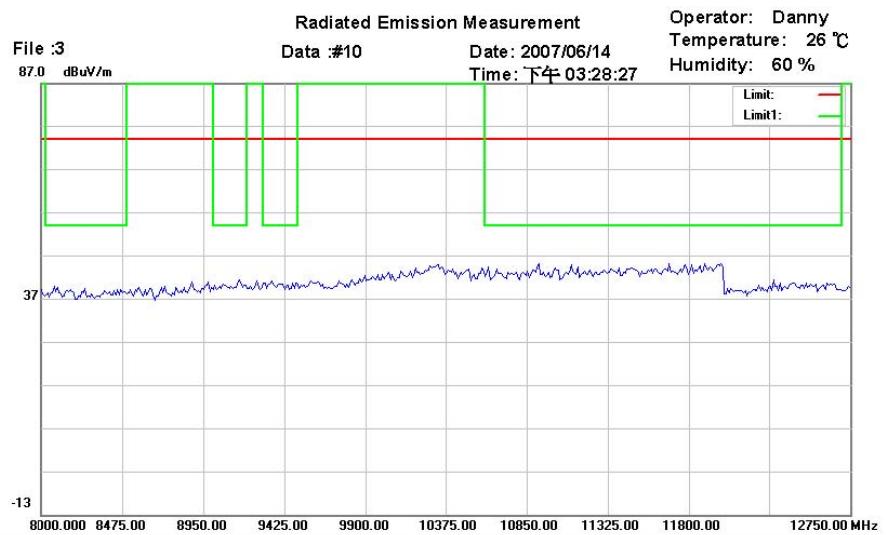


Site : site #1
 Condition : FCC 15.247
 Company : W6M20701-7793
 EUT Model: CT1100 (for Pad)
 Execute Program : 802.11g CH11 TX
 Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4921.844	50.25	peak	-1.21	49.04	74.00	152	159	-24.96	

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : FCC 15.247

Polarization: *Vertical*

Company : W6M20701-7793

Power: AC 110V/60Hz

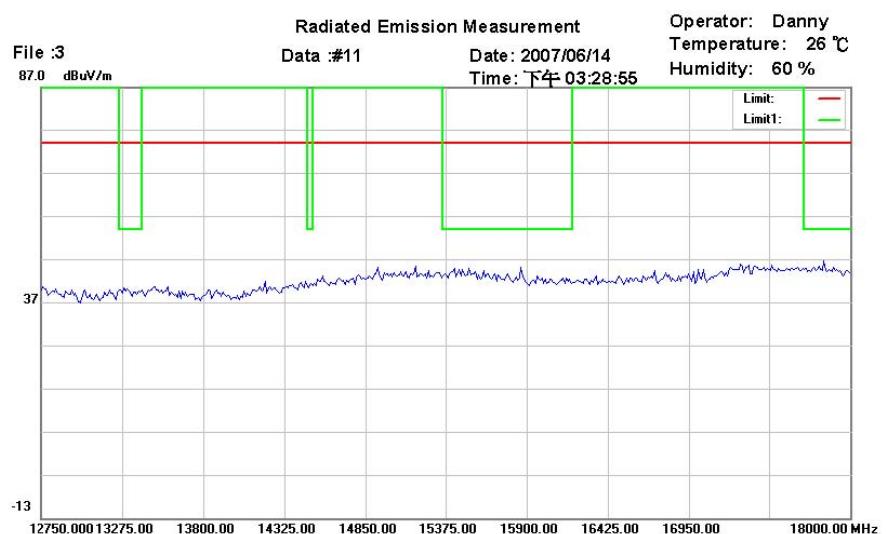
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : site #1

Condition : FCC 15.247

Polarization: *Vertical*

Company : W6M20701-7793

Power: AC 110V/60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

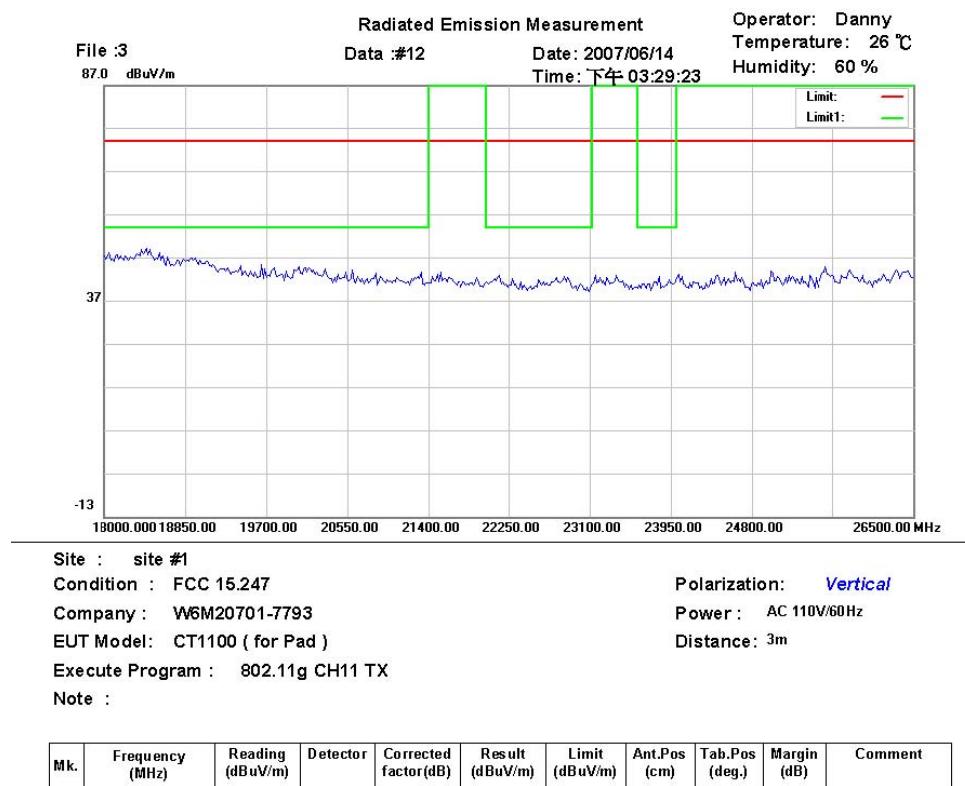
Execute Program : 802.11g CH11 TX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Note

- 1. Correction Factor = Antenna factor + Cable loss - Preamplifier**
- 2. The formula of measured value as: Test Result = Reading + Correction Factor**
- 3. All not in the table noted test results are more than 20 dB below the relevant limits.**

Freq. – Frequency Range:

1:	30	-	200 MHz
2:	200	-	1000 MHz
3:	1	-	4 GHz
4:	4	-	8 GHz
5:	8	-	12 GHz
6:	12	-	17 GHz
7:	17	-	26.5 GHz

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

Test equipment used: ETSTW-RE003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028
ETSTW-RE029 ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043
ETSTW-RE 044

Registration number: W6M20701-7793-C-1
FCC ID: UVZCT1100

3.6 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(c) in any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

Mode A

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom}= 23^{\circ}C$	$V_{nom} = 120 \text{ V}$	41.14 dB	44.78 dB

Mode B

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom}= 23^{\circ}C$	$V_{nom} = 120 \text{ V}$	30.45 dB	36.24 dB

Limit:

Frequency Range / MHz	Limit
902 – 928	
2400 – 2483.5	- 20 dB
5725 - 5850	

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028
ETSTW-RE 030 ETSTW-RE 043 ETSTW-RE 044

Comment: Please see attached diagram as appendix.

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100

3.7 Minimum 6 dB Bandwidth

The analyzer ResBW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK reading was taken, two markers were set 6 dB below the maximum level on the right and the left side of the emission.

The 6 dB bandwidth is the frequency difference between the two markers.

Mode A

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 6	Channel 11
T _{nom} = 23°C	V _{nom} = 120 V	5.480769231 MHz	6.474358974 MHz	6.474358974 MHz

Mode B

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 6	Channel 11
T _{nom} = 23°C	V _{nom} = 120 V	16.570512821 MHz	16.602564103 MHz	16.570512821 MHz

Limits:

Frequency Range MHz	Limits
902-928	min 500 kHz
2400-2483.5	min 500 kHz
5725-5850	min 500 kHz

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 055

Comment: See attached diagrams in Appendix.

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100

3.8 Peak Power Spectral Density

Peak Power Spectral density is measured at low, middle and high channel.

The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

Mode A

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 6 [dBm]	Channel 11 [dBm]
T _{nom} = 23°C	V _{nom} = 120 V	-8.94	-8.98	-9.18

Mode B

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 6 [dBm]	Channel 11 [dBm]
T _{nom} = 23°C	V _{nom} = 120 V	-15.74	-15.86	-15.60

Limits:

Frequency Range MHz	dBm
902-928	8
2400-2483,5	8
5725-5850	8

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 055

Comment: See attached diagrams in Appendix.

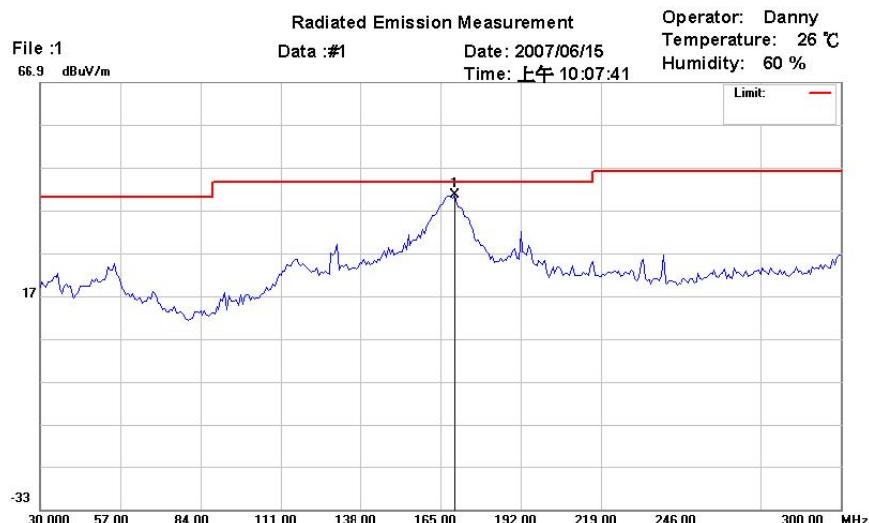
Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100

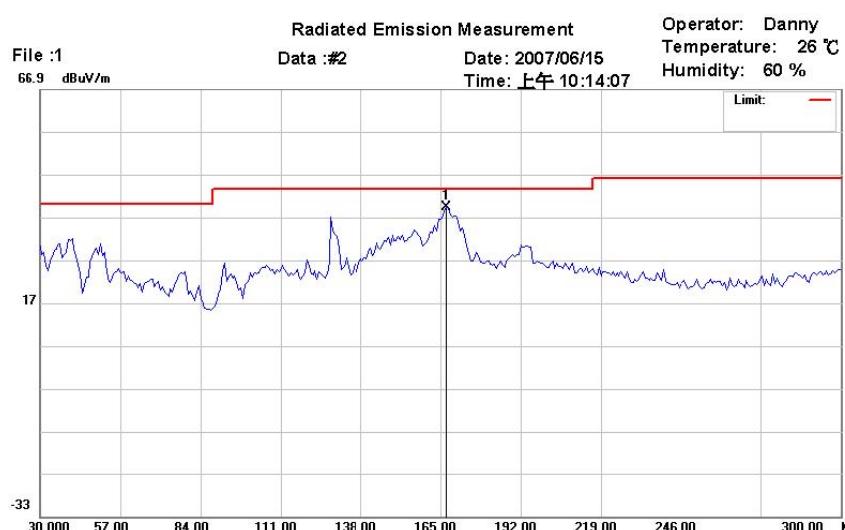
3.9 Radiated Emission from Digital Part And Receiver L.O.

FCC Rule: 15.109

Receiver



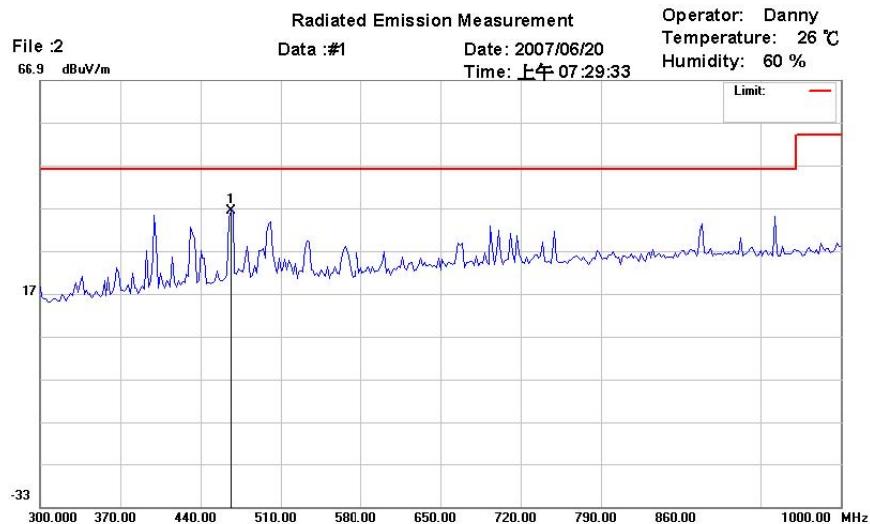
Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	169.7250	20.95	peak	19.54	40.49	43.50	345	130	-3.01	



Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	167.0250	19.90	peak	19.48	39.38	43.50	156	130	4.12	

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : FCC Part15 RE-Class B_30-1000MHz

Polarization: *Horizontal*

Company : W6M20701-7793

Power : AC 110V60Hz

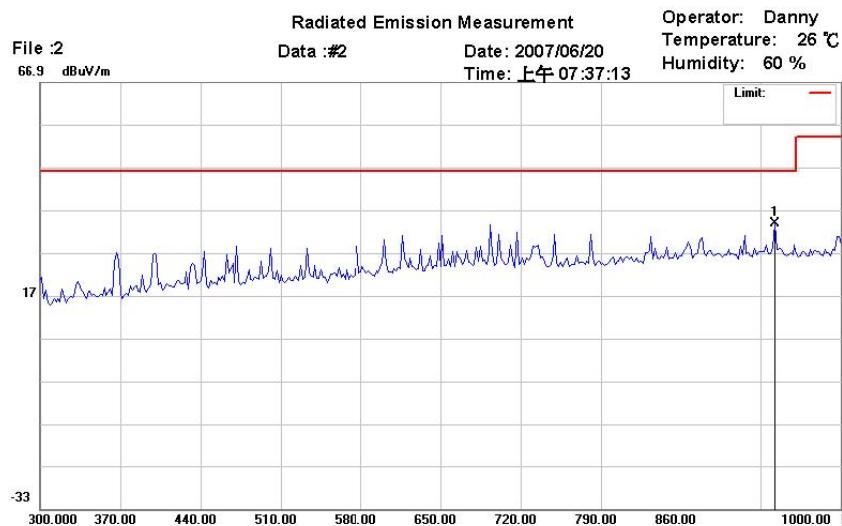
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	466.2500	14.00	peak	22.29	36.29	46.00	200	240	-9.71	



Site : site #1

Condition : FCC Part15 RE-Class B_30-1000MHz

Polarization: *Vertical*

Company : W6M20701-7793

Power : AC 110V60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

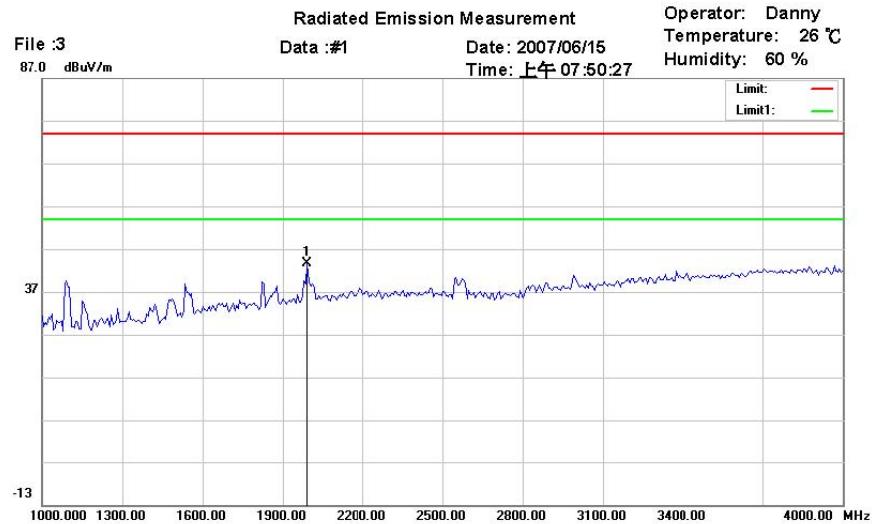
Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	942.2500	5.37	peak	28.38	33.75	46.00	385	280	-12.25	

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

Company : W6M20701-7793

Power : AC 110V60Hz

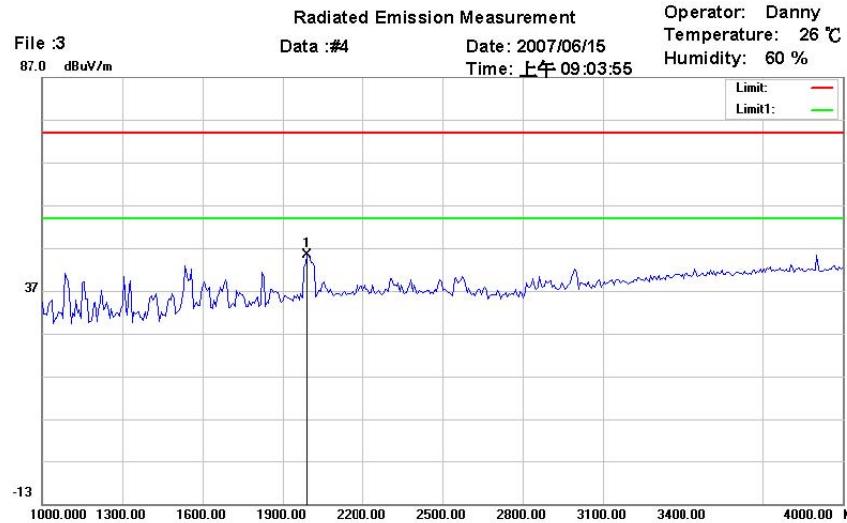
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1991.984	51.27	peak	-7.73	43.54	74.00	143	148	-30.46	



Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

Company : W6M20701-7793

Power : AC 110V60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

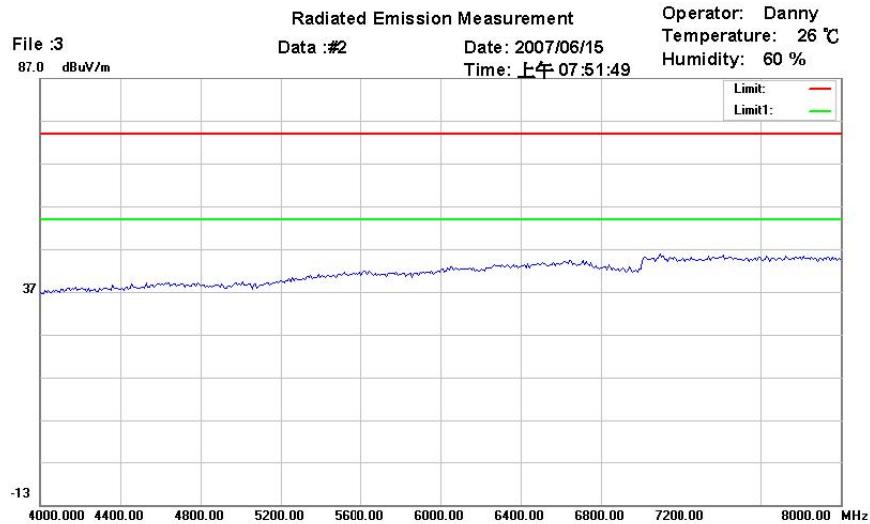
Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1991.984	53.18	peak	-7.73	45.45	74.00	150	147	-28.55	

Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

Company : W6M20701-7793

Power : AC 110V60Hz

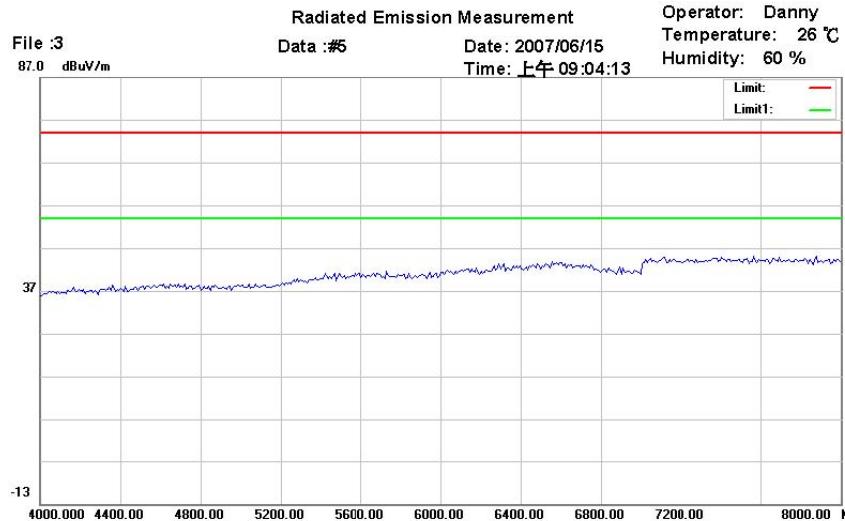
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

Company : W6M20701-7793

Power : AC 110V60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

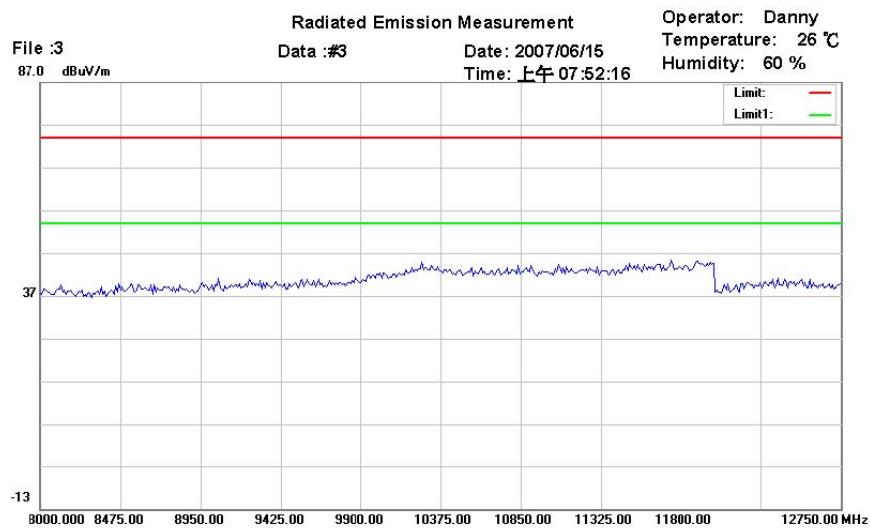
Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

Company : W6M20701-7793

Power : AC 110V60Hz

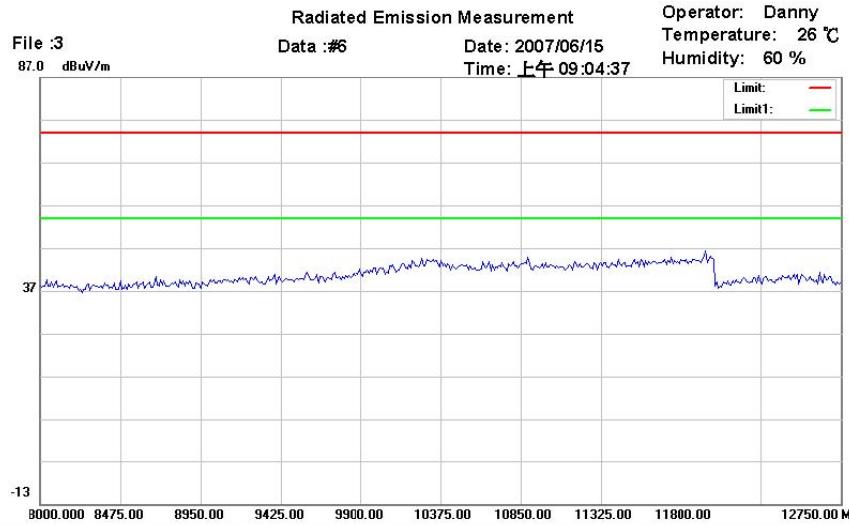
EUT Model: CT1100 (for Pad)

Distance: 3m

Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Site : site #1

Condition : Part15B_RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

Company : W6M20701-7793

Power : AC 110V60Hz

EUT Model: CT1100 (for Pad)

Distance: 3m

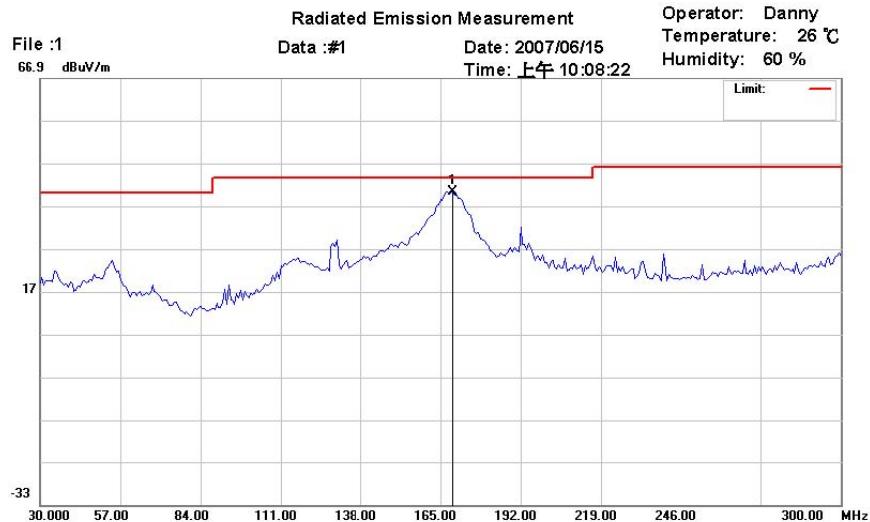
Execute Program : 802.11b CH1 RX

Note :

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Registration number: W6M20701-7793-C-1

FCC ID: UVZCT1100



Site : site #1

Condition : FCC Part15 RE-Class B_30-1000MHz

Company : W6M20701-7793

EUT Model: CT1100 (for Pad)

Execute Program : 802.11b CH6 RX

Note :

Polarization: *Horizontal*

Power : AC 110V60Hz

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	169.0500	20.87	peak	19.53	40.40	43.50	342	136	-3.10	



Site : site #1

Condition : FCC Part15 RE-Class B_30-1000MHz

Company : W6M20701-7793

EUT Model: CT1100 (for Pad)

Execute Program : 802.11b CH6 RX

Note :

Polarization: *Vertical*

Power : AC 110V60Hz

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV/m)	Detector	Corrected factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	168.3750	20.27	peak	19.51	39.78	43.50	160	145	-3.72	