American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

November 5, 2004

RE: CNet Technology

FCC ID: IIO-CWR854

After a review of the submitted information, I have a few comments on the above referenced Application.

1) The block diagram should show the frequencies of all oscillators in the TX portion of the device (CFR 2.1033(a)(5)), unless this portion of the device is an OEM part. Please provide either the block diagram for the TX portion, or alternatively provide a parts list that shows that this part is provided by another manufacturer.
2) The schematic should be for the TX portion of the device (CFR 2.1033(a)(5)), unless this portion of the device is an OEM part. Please provide either the schematic for the TX portion, or alternatively provide a parts list that shows that this part is provided by another manufacturer.
3) The sample label should contain "FCC ID: IIO-CWR854". Please update the label.
4) The label contains "This device complies with Part 15 of the rules". Because the DoC logo is on the device, this information is not necessary and is also not complete according to 15.19. Please remove provide a revised label.
5) Power data shows CCK has higher power than OFDM by about 1.5 dBm. However radiated data shows the fundamental for OFDM significantly higher than CCK. Due to the output power and RBW settings used it is expected the CCK should yield higher results. The radiated results shown are unusual and suggests that their may have been concerns with maximization of emissions during the test. Please review and/or correct as necessary.

Timothy R. Johnson
Examining Engineer

mailto: tjohnson@AmericanTCB.com

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.

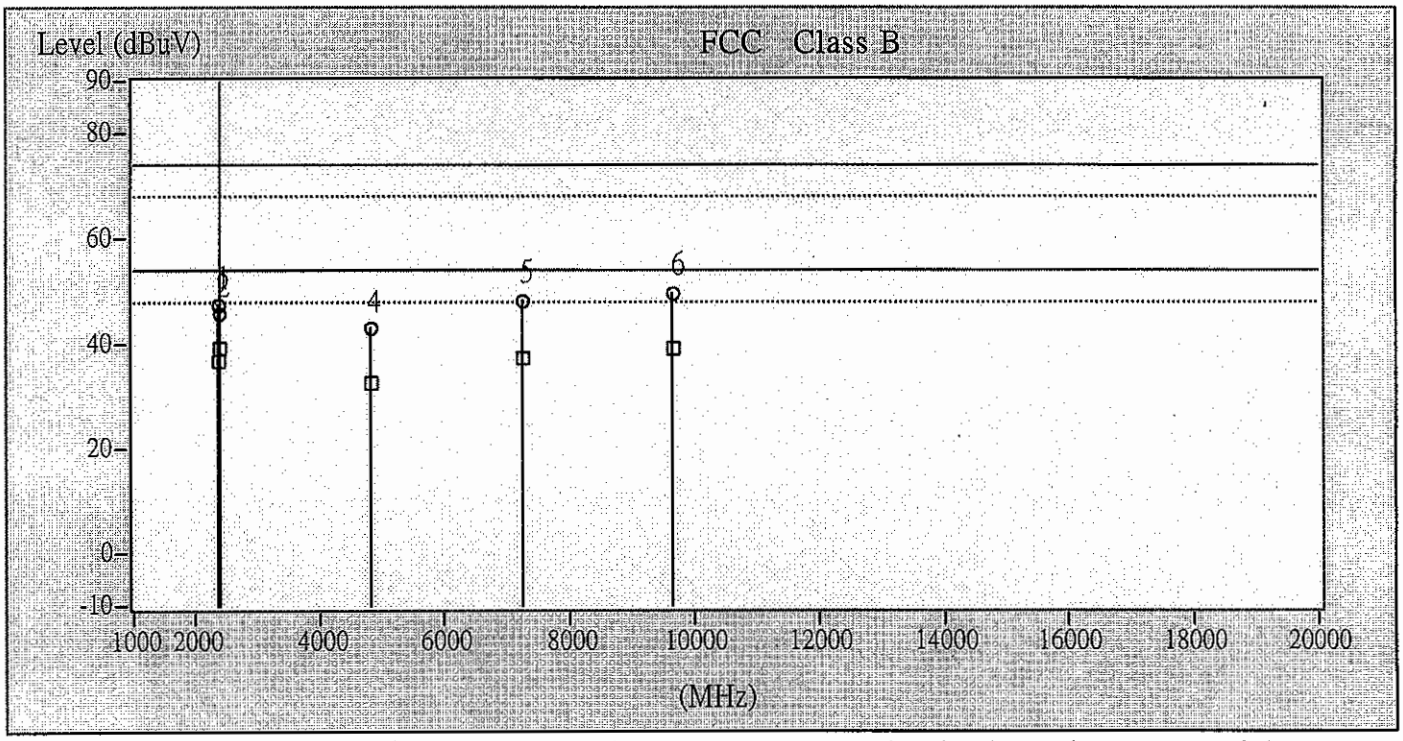
Advance Data Technology Corporation 誠信科技股份有限公司

Linkou EMC Lab: 47 14th Lin, Chiapao Tsuen, Linkou, Taipei, Taiwan, R.O.C. Tel (02) 2605-2180 Fax (02) 2605-2943
Hsinchu EMC Lab: 81-1 Luliaokeng, 9th Lin, Wulung Tsuen, Chiunglin, Hsinchu, Taiwan, R.O.C . Tel (03) 593-5343 Fax (03) 593-5342

Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch01 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:22 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Horizontal



This data is for evaluation purposes only. It cannot be used for EMC approvals unless it contains the approved signature.
If you have any questions regarding the test data, you can write your comments to service@mail.adt.com.tw

No.		Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
	1	2375.00	30.7	16.9	6.3	47.6	37.0	74.0	54.0	-26.4	-17.0	126	242
	2	2390.00	33.8	12.2	5.7	46.0	39.5	74.0	54.0	-28.0	-14.5	137	230
F	3	2412.00	29.9	75.1	68.6	105.0	98.5	74.0	54.0	31.0	44.5	137	230
	4	4824.00	36.2	7.0	-3.5	43.2	32.8	74.0	54.0	-30.8	-21.2	124	255
	5	7236.00	41.7	6.6	-4.2	48.3	37.5	74.0	54.0	-25.7	-16.5	130	300
	6	9648.00	44.9	4.9	-5.5	49.8	39.4	74.0	54.0	-24.2	-14.6	122	275

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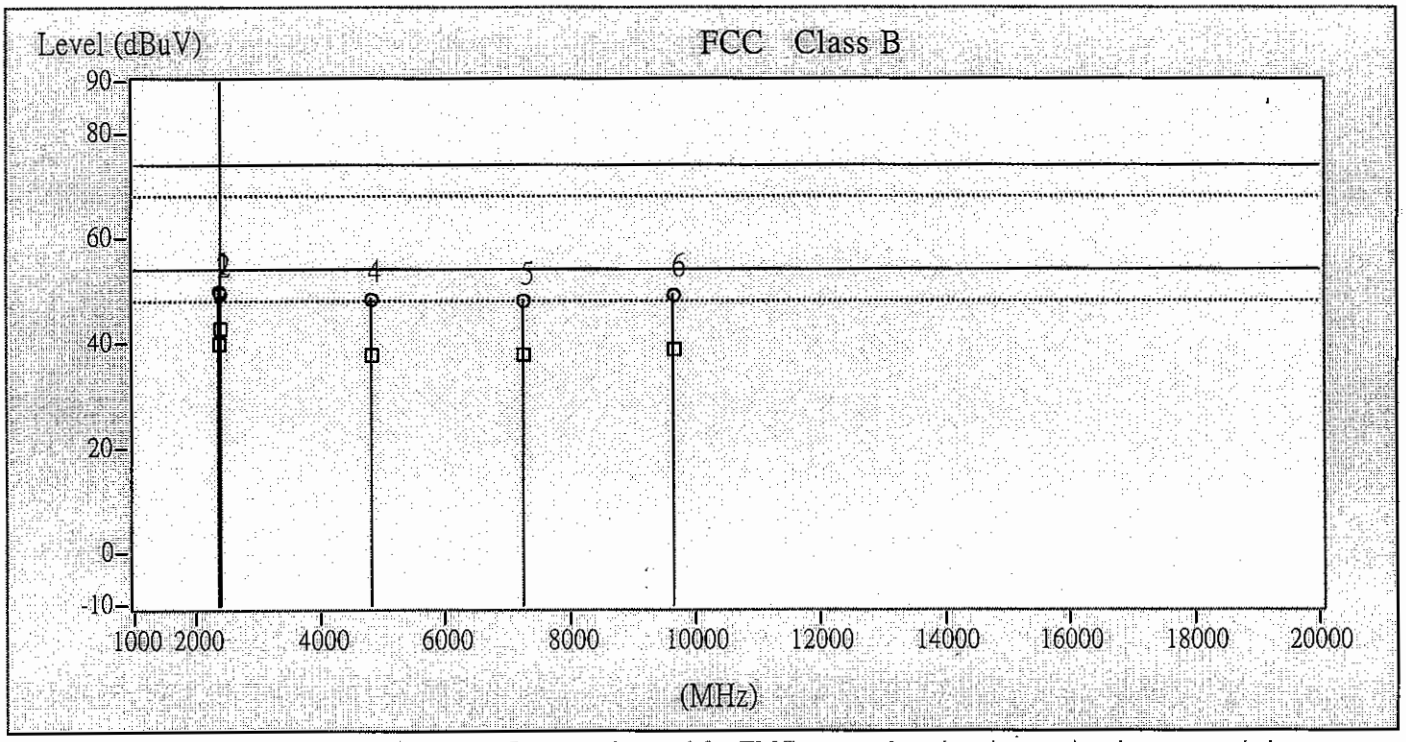
Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch01 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:21 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Vertical



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No.		Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
	1	2375.00	30.7	19.3	9.4	50.0	40.1	74.0	54.0	-24.0	-13.9	120	0
	2	2390.00	33.8	15.8	9.2	49.6	43.0	74.0	54.0	-24.4	-11.0	122	317
F	3	2412.00	29.9	78.7	72.1	108.6	102.0	74.0	54.0	34.6	48.0	122	317
	4	4824.00	36.2	12.3	1.7	48.5	37.9	74.0	54.0	-25.5	-16.1	120	52
	5	7236.00	41.7	6.6	-3.7	48.2	38.0	74.0	54.0	-25.8	-16.0	116	276
	6	9648.00	44.9	4.4	-5.8	49.3	39.1	74.0	54.0	-24.7	-14.9	113	322

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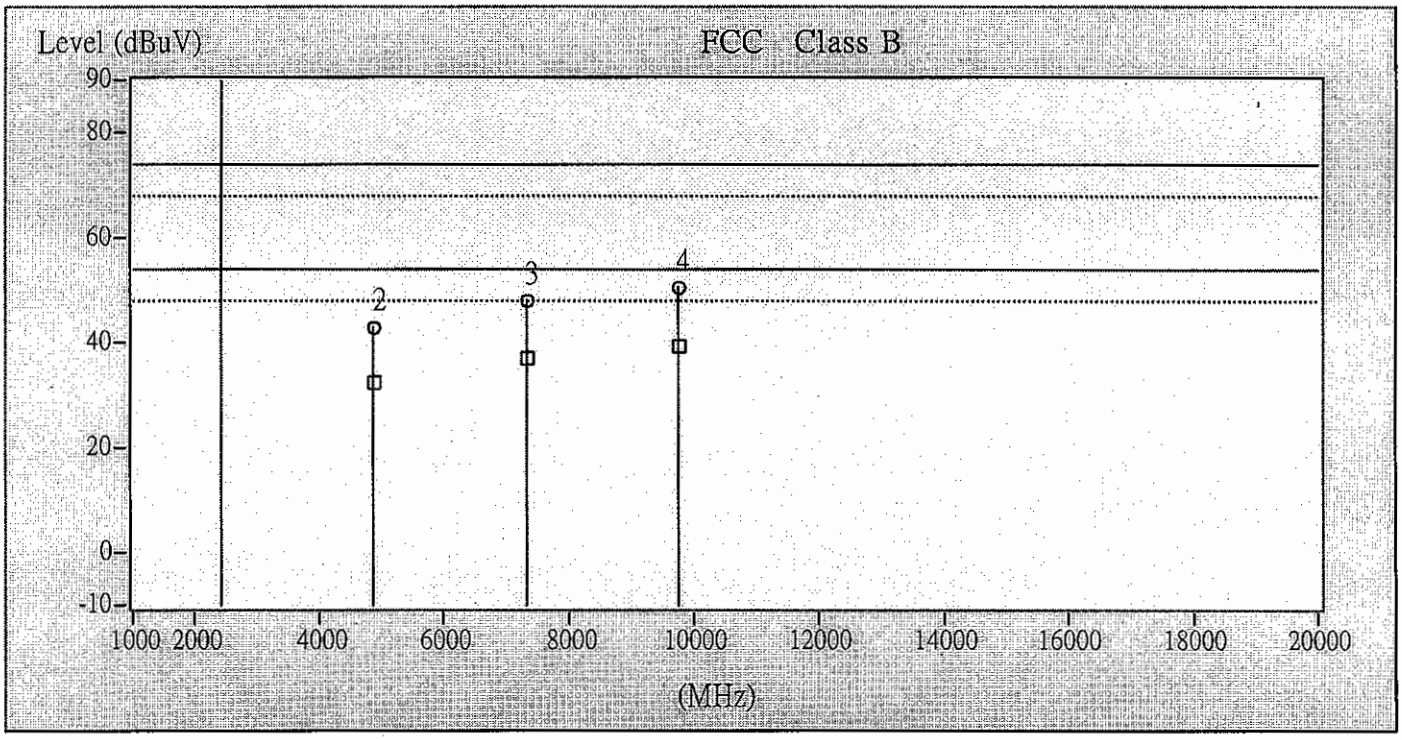
Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch06 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:25 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Horizontal



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No.		Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
*F	1	2437.00	30.0	77.3	70.0	107.3	100.0	74.0	54.0	33.3	46.0	128	242
	2	4874.00	36.5	6.6	-3.9	43.0	32.6	74.0	54.0	-31.0	-21.4	117	256
	3	7311.00	41.8	6.4	-4.6	48.2	37.2	74.0	54.0	-25.8	-16.8	119	328
	4	9748.00	44.6	6.1	-5.1	50.7	39.5	74.0	54.0	-23.3	-14.5	113	323

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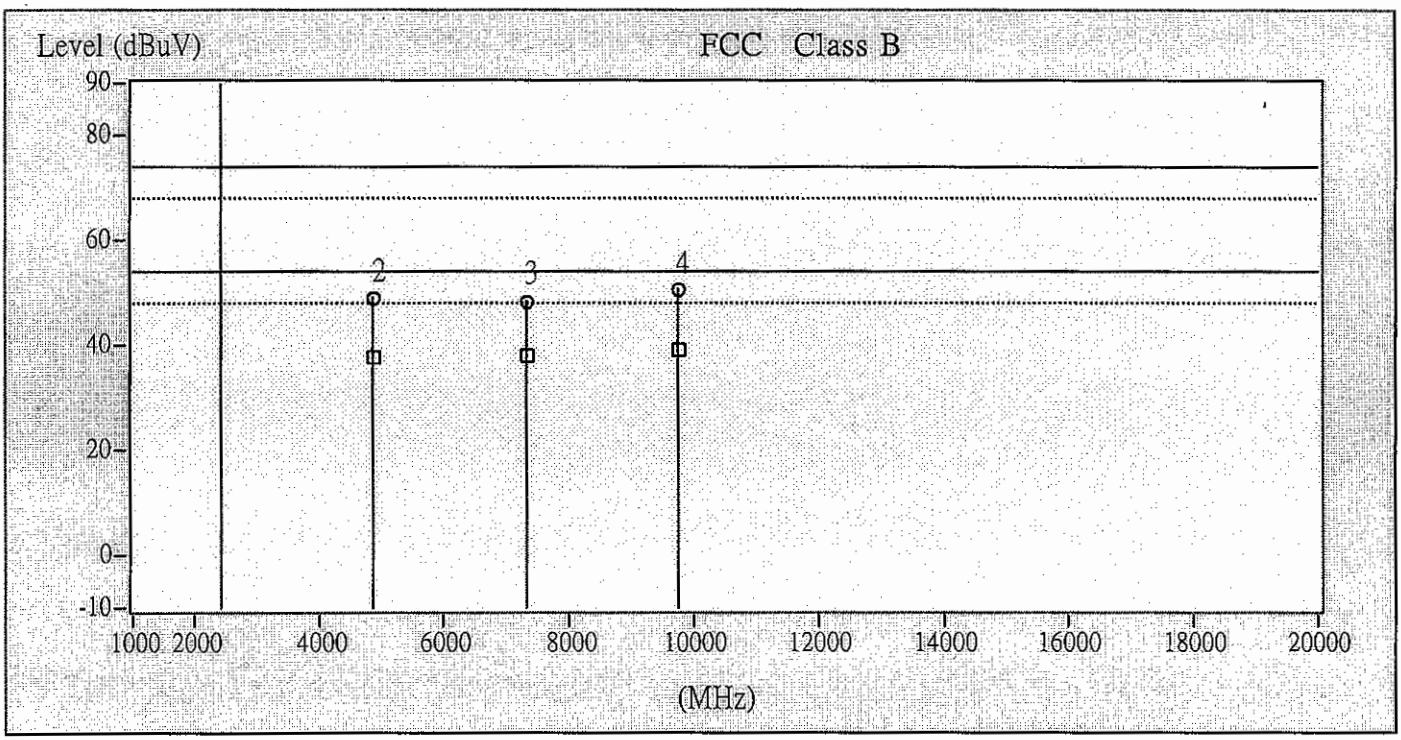
Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch06 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:24 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Vertical



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No.		Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
F	1	2437.00	30.0	78.8	72.3	108.8	102.3	74.0	54.0	34.8	48.3	143	31
	2	4874.00	36.5	12.6	1.4	49.1	37.8	74.0	54.0	-24.9	-16.2	120	46
	3	7311.00	41.8	6.6	-3.6	48.4	38.1	74.0	54.0	-25.6	-15.9	112	5
	4	9748.00	44.6	6.1	-5.3	50.7	39.3	74.0	54.0	-23.3	-14.7	121	253

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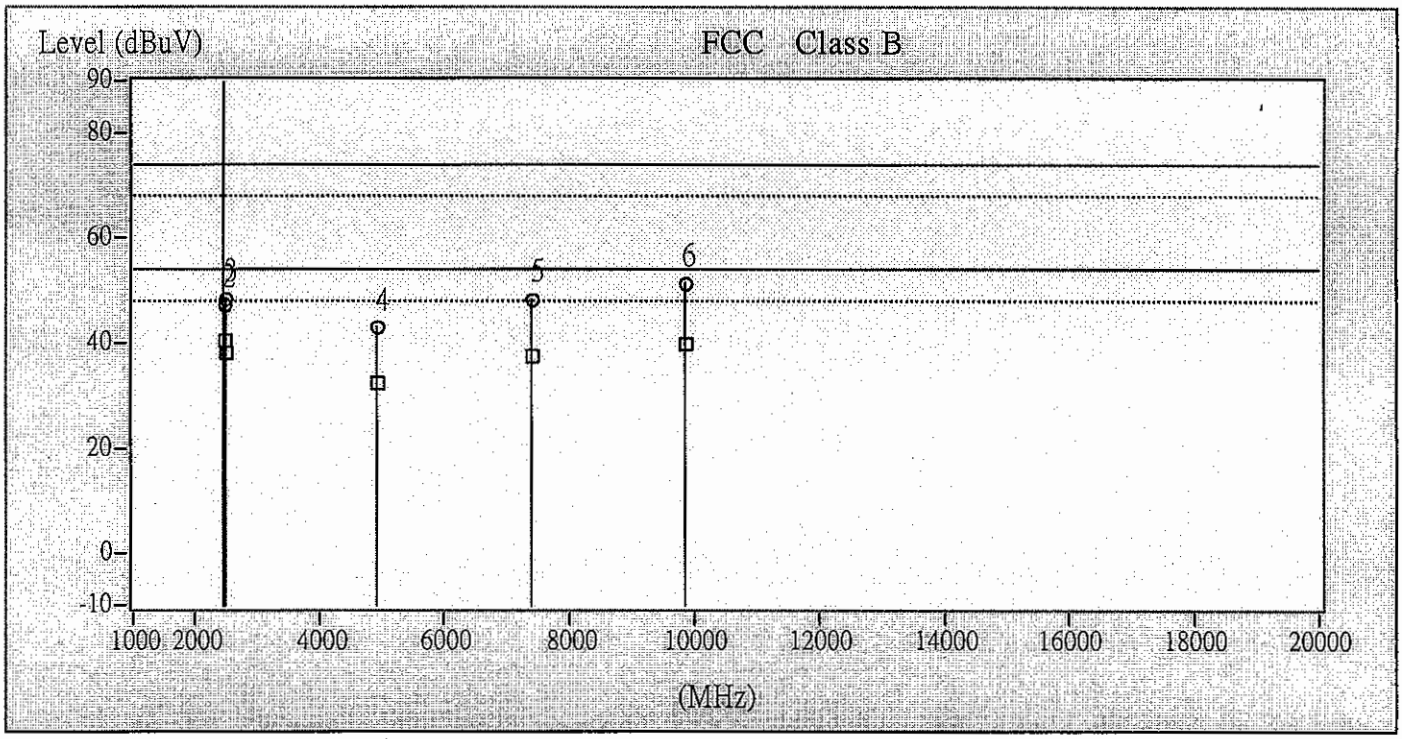
Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch11 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:28 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Horizontal



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	No.	Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
F	1	2462.00	30.1	75.4	68.7	105.5	98.8	74.0	54.0	31.5	44.8	134	223
	2	2483.50	30.1	17.2	10.5	47.4	40.6	74.0	54.0	-26.6	-13.4	134	223
	3	2496.00	32.8	15.7	5.5	48.5	38.3	74.0	54.0	-25.5	-15.7	128	222
	4	4924.00	36.7	6.5	-4.0	43.2	32.7	74.0	54.0	-30.8	-21.3	106	62
	5	7386.00	41.8	6.5	-4.1	48.3	37.7	74.0	54.0	-25.7	-16.3	121	30
	6	9848.00	44.4	7.0	-4.4	51.4	40.0	74.0	54.0	-22.6	-14.0	129	0

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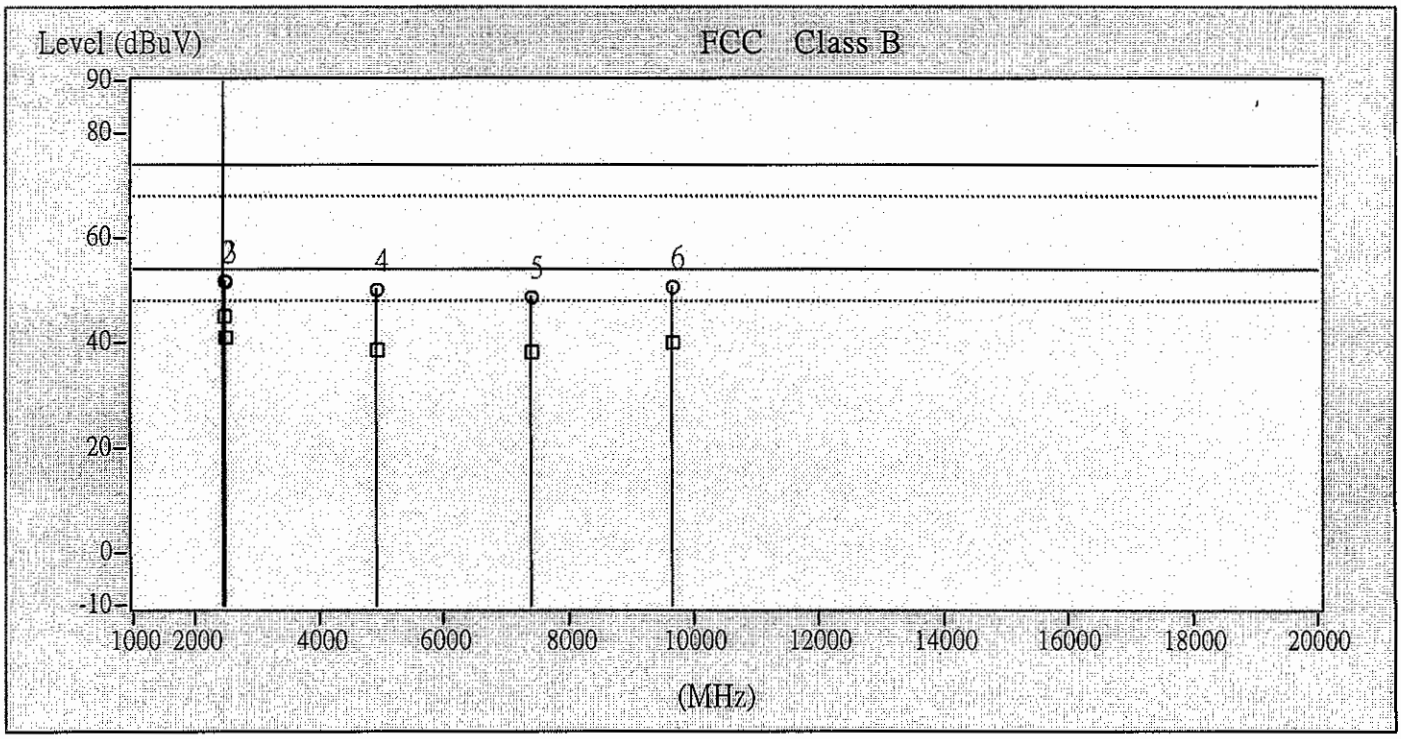
Brand / Model : CWR-854
Remark : Tx Mode , 11b Ch11 , Power Set 95
Tested by : Wen

Location: Open Site C Date: 2004/5/5 Time: 上午 12:26 Approved by: 鍾昆宏

Temperature (C): 28.0 Humidity (%): 60 Polarity: Vertical



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No.		Freq.	C.F.	Reading		Emission		Limit		Margin		Ant./Table	
		MHz	dB	PK	AV	PK	AV	PK	AV	PK	AV	cm	deg
*F	1	2462.00	30.1	79.9	73.3	110.0	103.4	74.0	54.0	36.0	49.4	138	1
	2	2483.50	30.1	21.7	15.1	51.9	45.2	74.0	54.0	-22.1	-8.8	138	1
	3	2496.00	32.8	19.0	8.4	51.8	41.2	74.0	54.0	-22.2	-12.8	117	31
	4	4924.00	36.7	13.6	2.2	50.3	38.8	74.0	54.0	-23.7	-15.2	140	3
	5	7386.00	41.8	7.0	-3.4	48.9	38.4	74.0	54.0	-25.1	-15.6	140	3
	6	9648.00	44.9	5.9	-4.6	50.8	40.3	74.0	54.0	-23.2	-13.7	136	334

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