



UltraTech Group of Labs

Applicant: CELESTICA
Product: PCM CIA WIRELESS (M/C) (M)
Model: ISL 573000*

AC POWER LINE CONDUCTED EMISSIONS MEASUREMENT PLOT

Detector: [X] PEAK [X] QUASI-PEAK [X] AVERAGE Temp: 20°C Humidity: 22%
Line Tested: I Test Tech: Phuong Test Date: Feb 10/01
Comments: FCC class B

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QP Δ 1
1	0.466775	39.0	35.8	33.8	-12.2
2	0.523450	36.0	33.0	30.4	-15.1
3	0.640270	34.0	31.3	29.2	-16.7

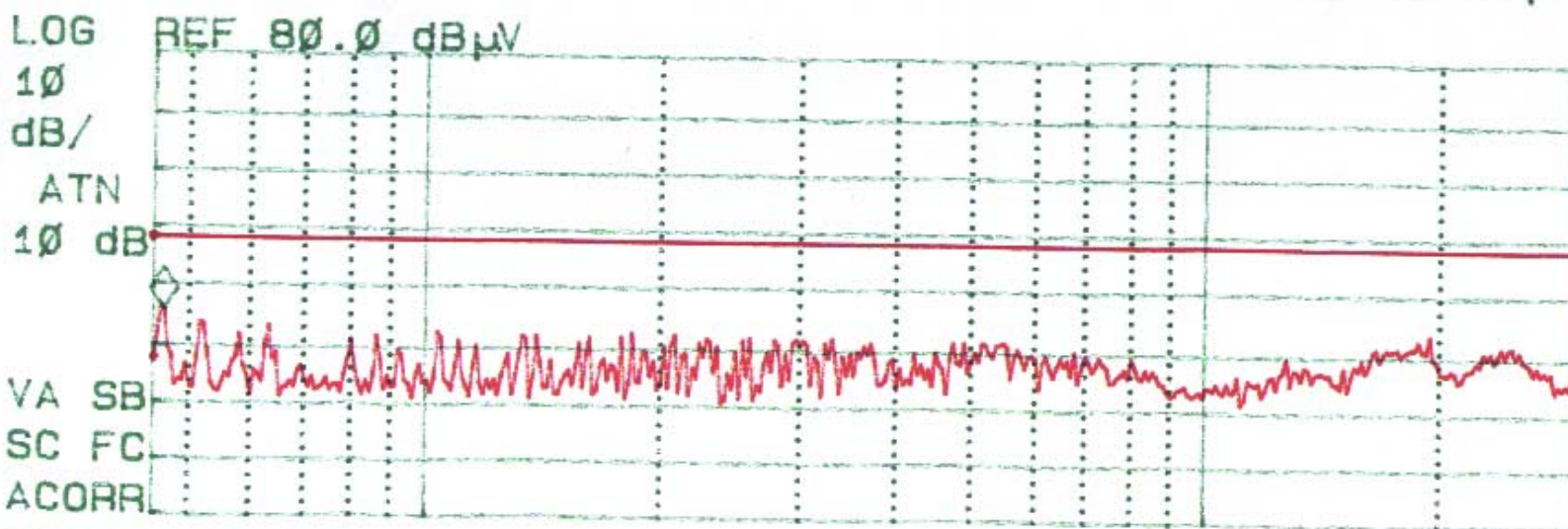
PLOT #1

No user
Menu

SIGNAL NUMBER

1

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 470 KHZ
35.49 dBμV



START 450 KHZ

IF BW 9.0 KHZ

AVG BW 30 KHZ

STOP 30.00 MHz

SWP 1.33 sec



UltraTech Group of Labs

Applicant: CELESTICA
Product: PC/MCIA WIRELESS LAN CARD
Model: ISL 373000P

AC POWER LINE CONDUCTED EMISSIONS MEASUREMENT PLOT

Detector: [X]PEAK [X]QUASI-PEAK [X]AVERAGE Temp: 20°C Humidity: 22%
Line Tested: II Test Tech: Phuong Test Date: Feb 16/01
Comments: FCC class B

Signal	Freq (MHz)	PK Amp	QP Amp	AV Amp	QPΔ 1
1	0.468625	36.2	33.1	31.5	-14.9
2	0.643375	32.8	30.3	28.4	-17.7
3	0.523000	33.2	29.3	26.8	-18.7

PLOT#2

No user
Menu

SIGNAL NUMBER

1

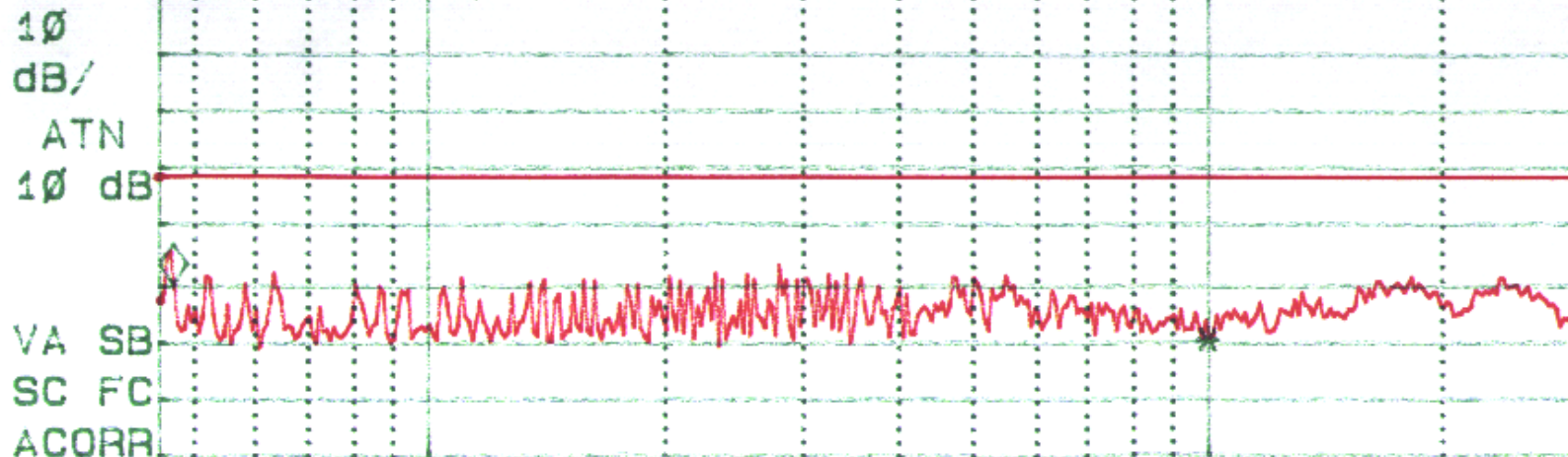
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 470 KHz

29.60 dBμV

LOG REF 80.0 dBμV



START 450 KHz

STOP 30.00 MHz

IF BW 9.0 KHz

AVG BW 30 KHz

SWP 1.33 sec



UltraTech
Engineering Labs Inc.

**CELESTICA
PCMCIA WIRELESS LAN CARD**

Channel: LOW (1), Tx Frequency: 2.412 MHz
Modulation: [X] 1 Mbps DBPSK, [] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13, 2001
Tested by: Hung Trinh

PLOT #3

Tue Feb 13 10:25:48 2001

REF 20.0 dBm
10dB/

ATT 30 dB

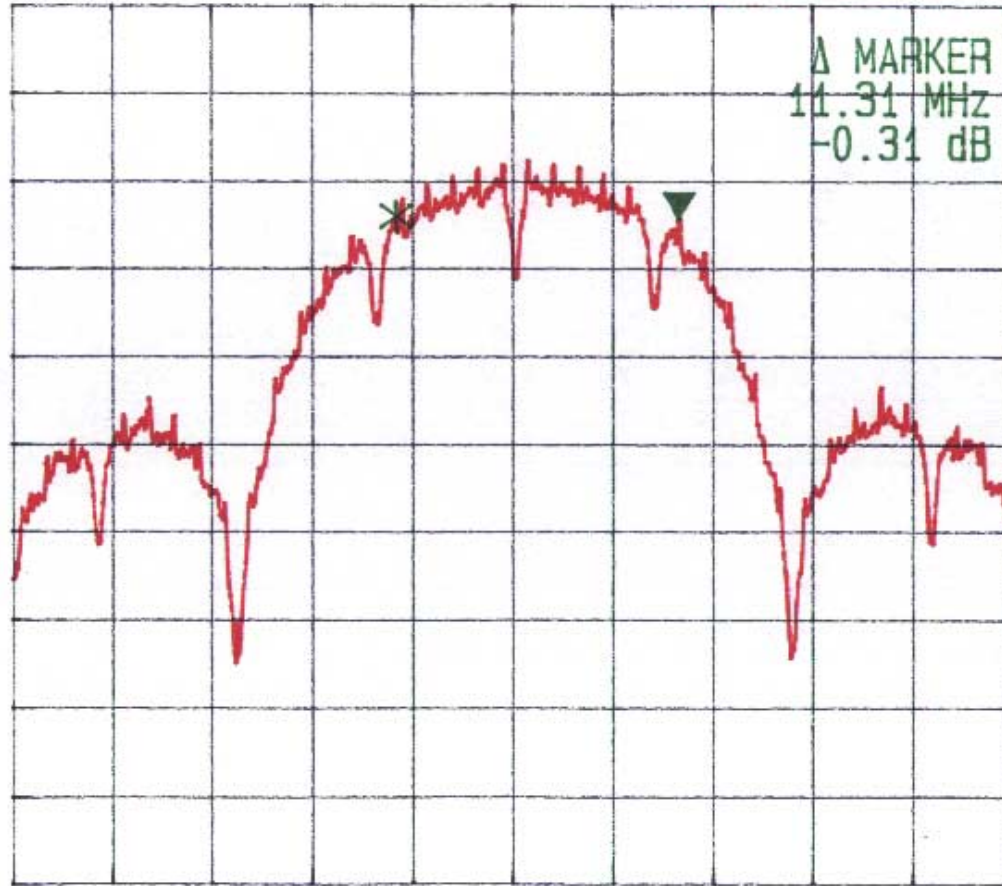
A_write&max B_blank

X dB DOWN
6.0 dB

Δ MARKER
11.31 MHz
-0.31 dB

REF OFS
2.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
90 ms



CENTER 2.41200 GHz

SPAN 40.00 MHz



UltraTech
Engineering Labs Inc.

**CELESTICA
PCMCIA WIRELESS LAN CARD**

Channel: Mid (G), Tx Frequency: 24437 MHz
Modulation: [] 1 Mbps DBPSK, [] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13, 2001
Tested by: Hung Trinh

PLOT #4

Tue Feb 13 10:28:40 2001

REF 20.0 dBm
10dB/

ATT 30 dB

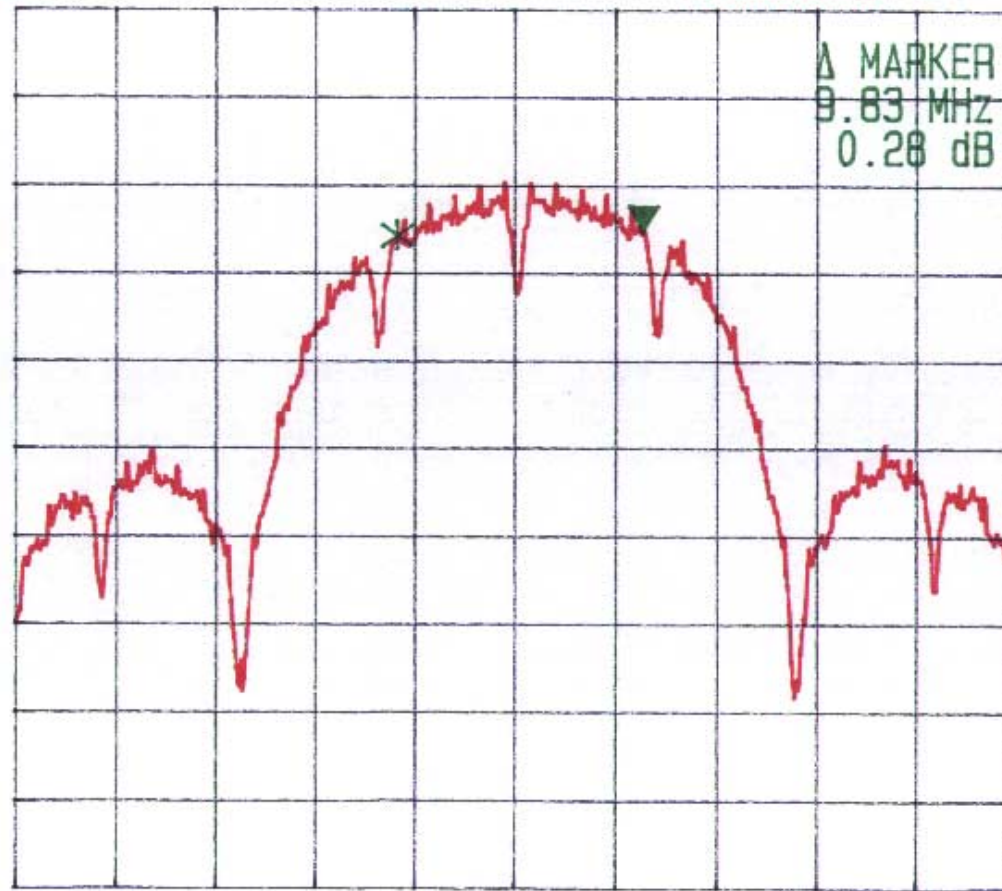
A_write&max B_blank

X dB DOWN
6.0 dB

Δ MARKER
9.83 MHz
0.28 dB

REF OFS
2.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
90 ms



CENTER 2.43700 GHz

SPAN 40.00 MHz



UltraTech
Engineering Labs Inc.

CELESTICA

PCMCIA WIRELESS LAN CARD

Channel: HIGH (1) Tx Frequency: 2.462 MHz

Modulation: [x] 1 Mbps DBPSK, [] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK

6 dB BANDWIDTH

Date: Feb. 13 2001

Tested by: Hung Trinh

Plot # 5

Tue Feb 13 10: 31: 32 2001

REF 20.0 dBm
10dB/

ATT 30 dB

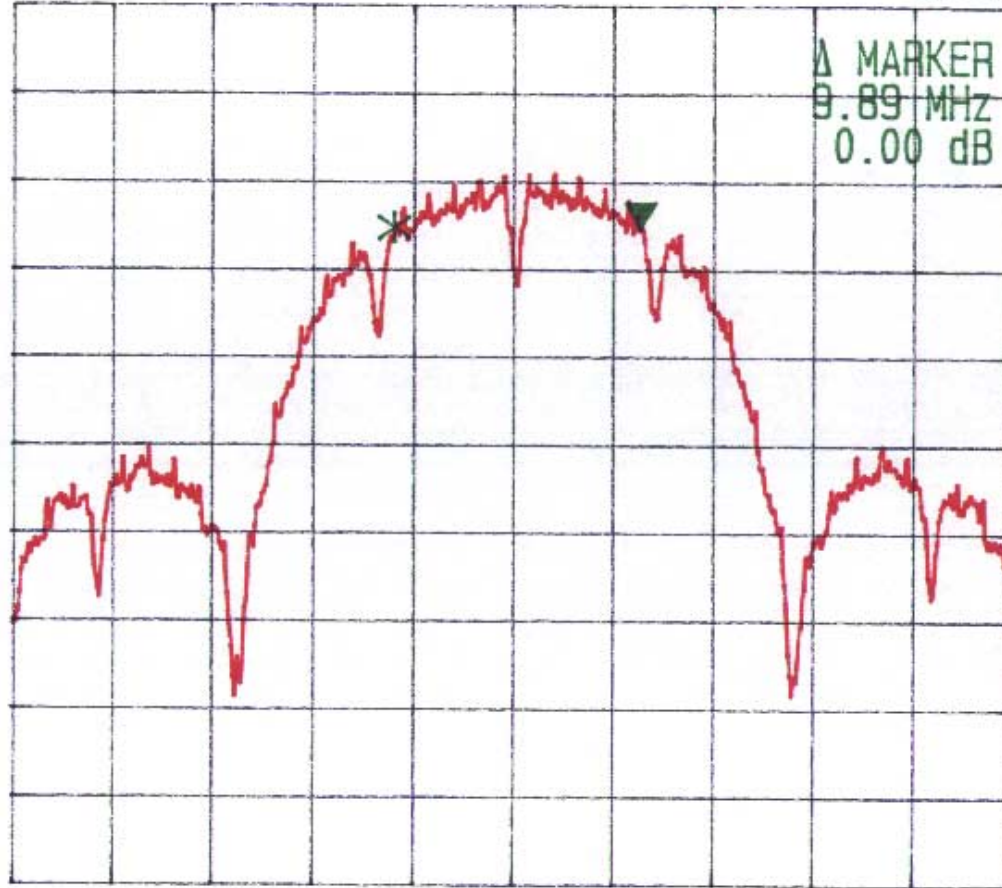
A_write&max B_plank

X dB DOWN
6.0 dB

Δ MARKER
9.89 MHz
0.00 dB

REF OFS
2.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
90 ms



CENTER 2.46200 GHz

SPAN 40.00 MHz

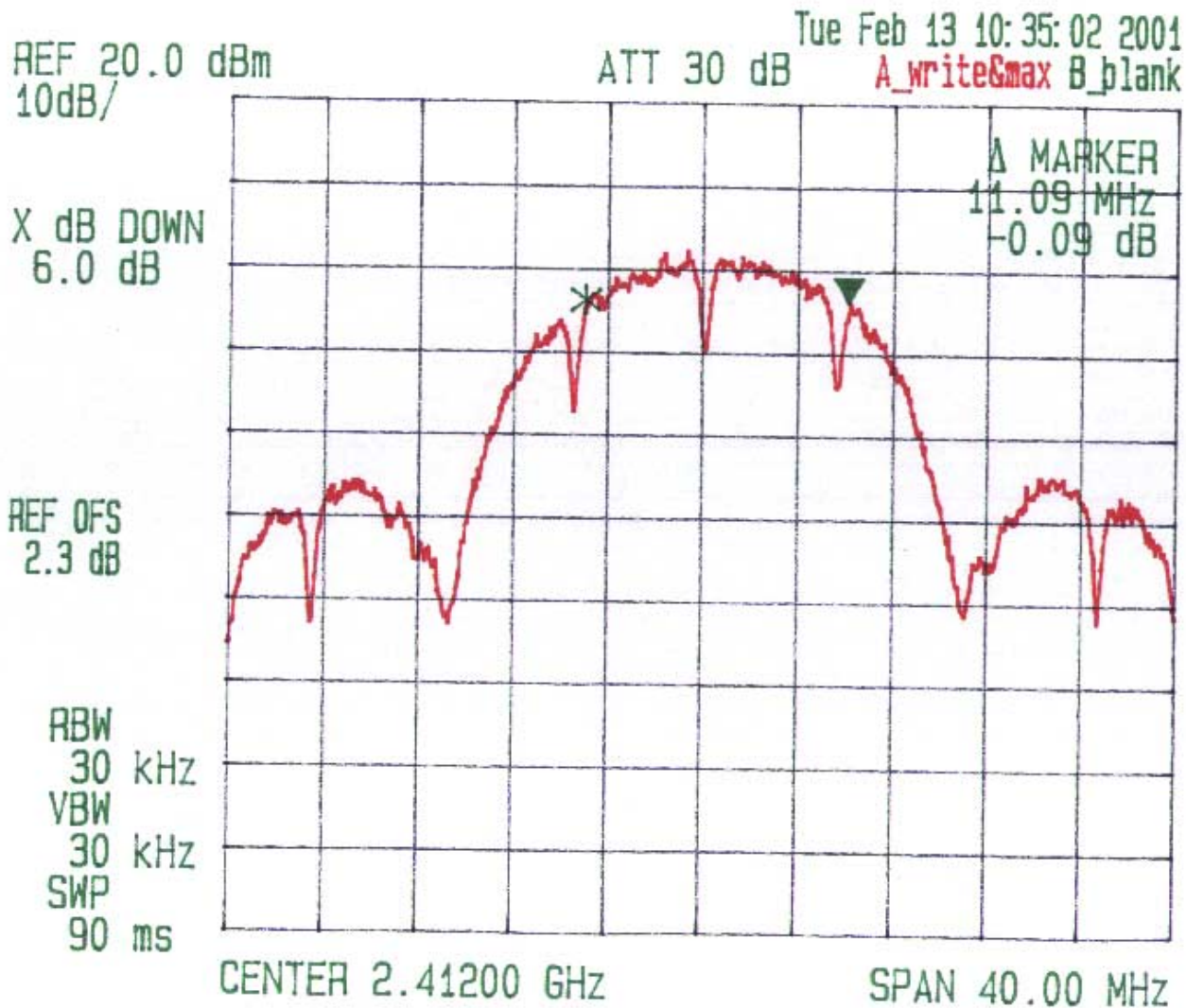


UltraTech
Engineering Labs Inc.

CELESTICA
PCMCIA WIRELESS LAN CARD
Channel: LOW, Tx Frequency: 2.412 MHz
Modulation: [] 1 Mbps DBPSK, [x] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13 2001
Tested by: Hung Trinh

PLOT#6

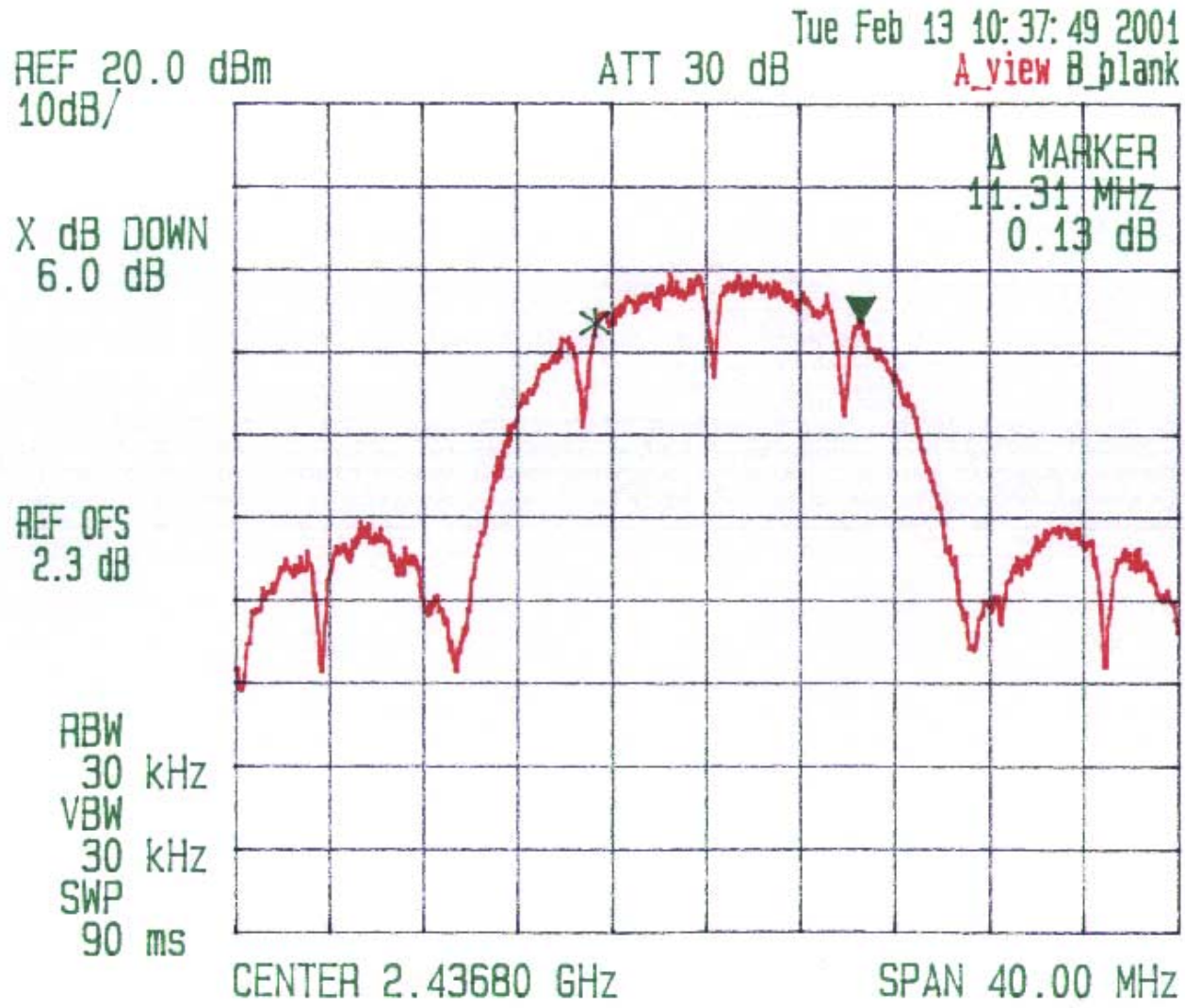




CELESTICA
PCMCIA WIRELESS LAN CARD
Channel: WID, Tx Frequency: 2443.7 MHz
Modulation: [] 1 Mbps DBPSK, [x] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13 2001
Tested by: Hung Trinh

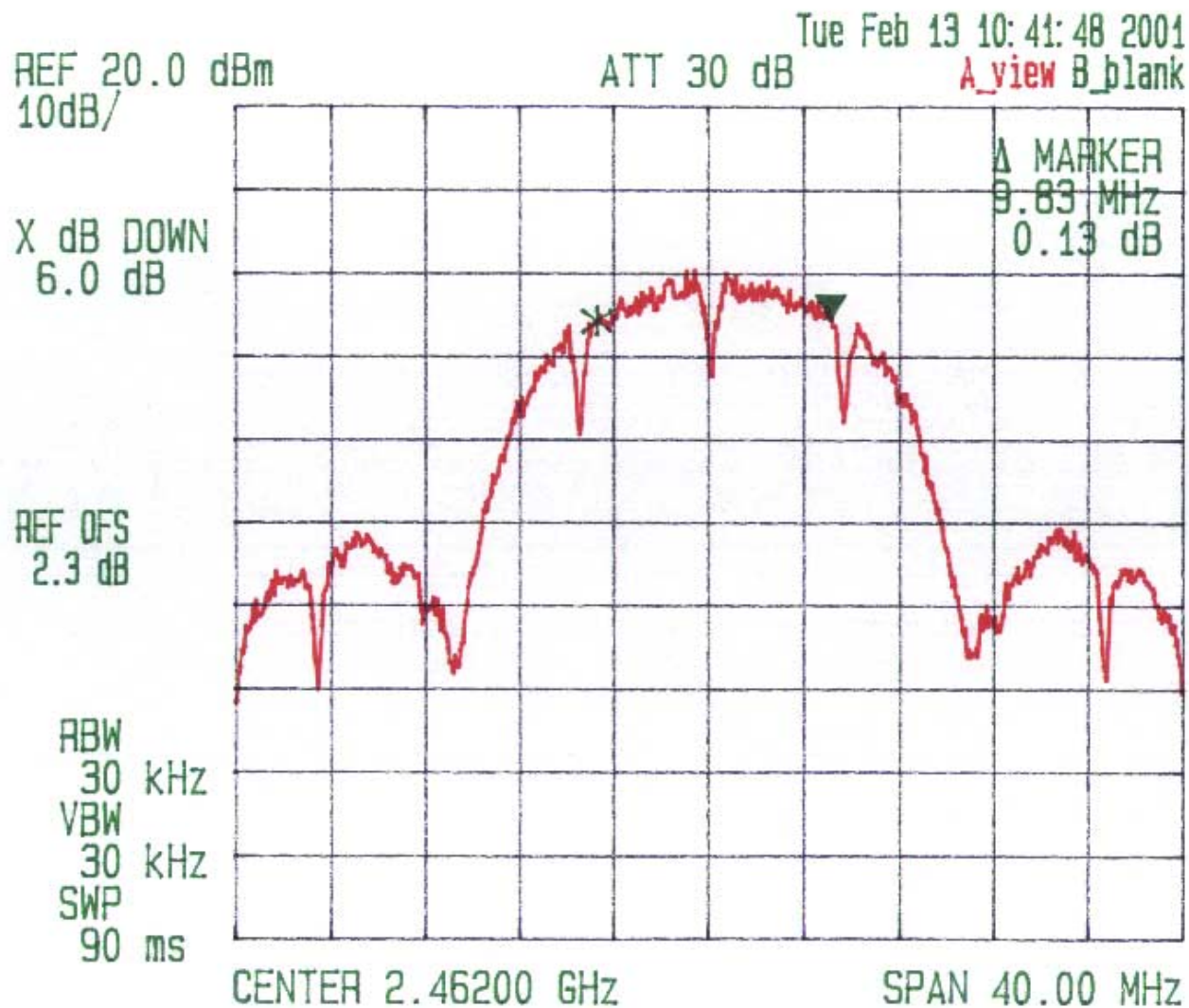
PLOT #7



CELESTICA
PCMCIA WIRELESS LAN CARD
Channel: High, Tx Frequency: 2462 MHz
Modulation: [] 1 Mbps DBPSK, [x] 2 Mbps DQPSK, [] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13 2001
Tested by: Hung Trinh

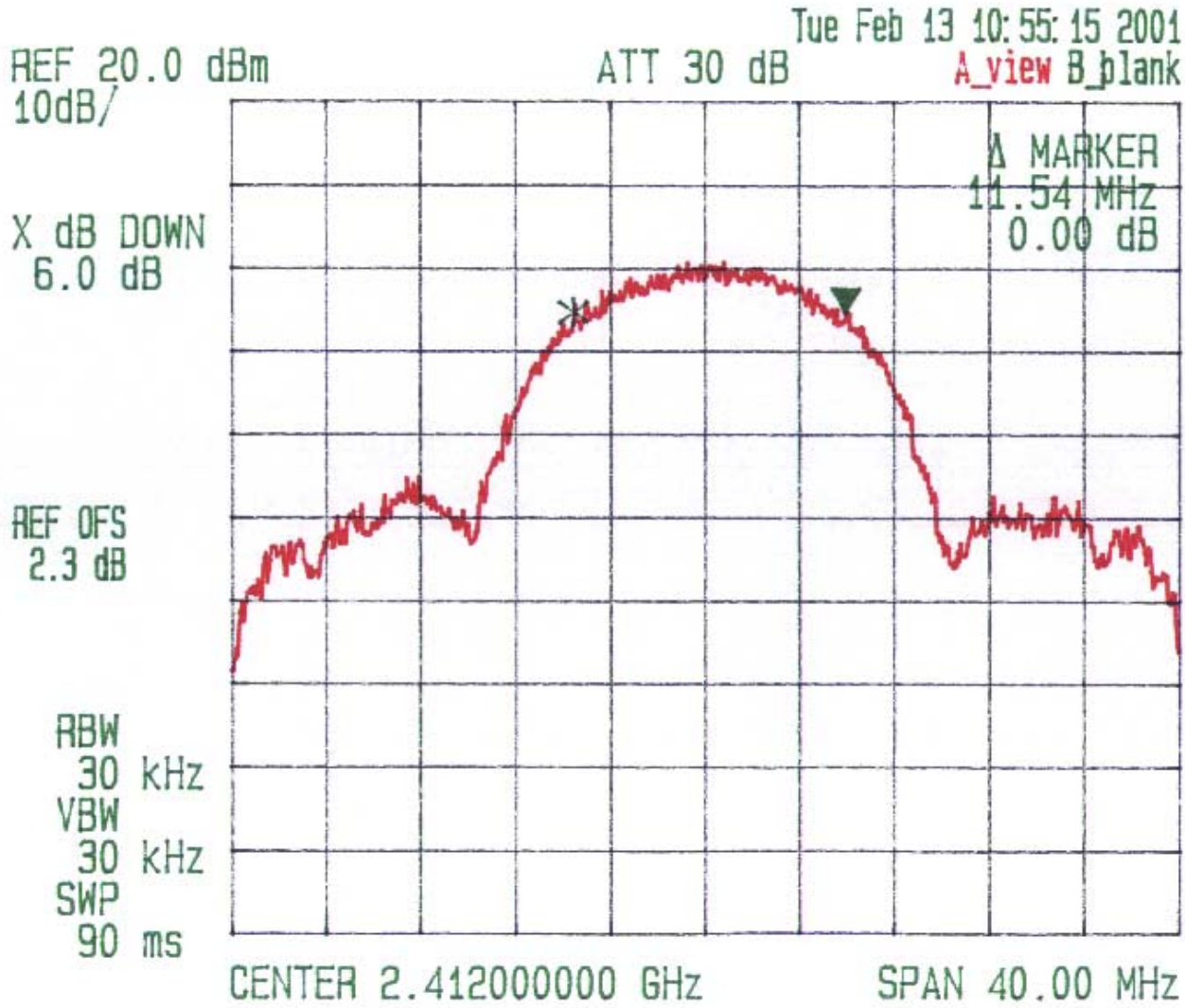
PLOT#8



CELESTICA
PCMCIA WIRELESS LAN CARD
Channel: LOW, Tx Frequency: 2412 MHz
Modulation: [] 1 Mbps DBPSK, [] 2 Mbps DQPSK, [x] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13 2001
Tested by: Hung Trinh

PLOT # 9





CELESTICA
PCMCIA WIRELESS LAN CARD
Channel: M10, Tx Frequency: 2.437 MHz
Modulation: [] 1 Mbps DBPSK, [] 2 Mbps DQPSK, [x] 5.5 Mbps CCK, [] 11 Mbps CCK
6 dB BANDWIDTH

Date: Feb. 13 2001
Tested by: Hung Trinh

PLOT # 10

