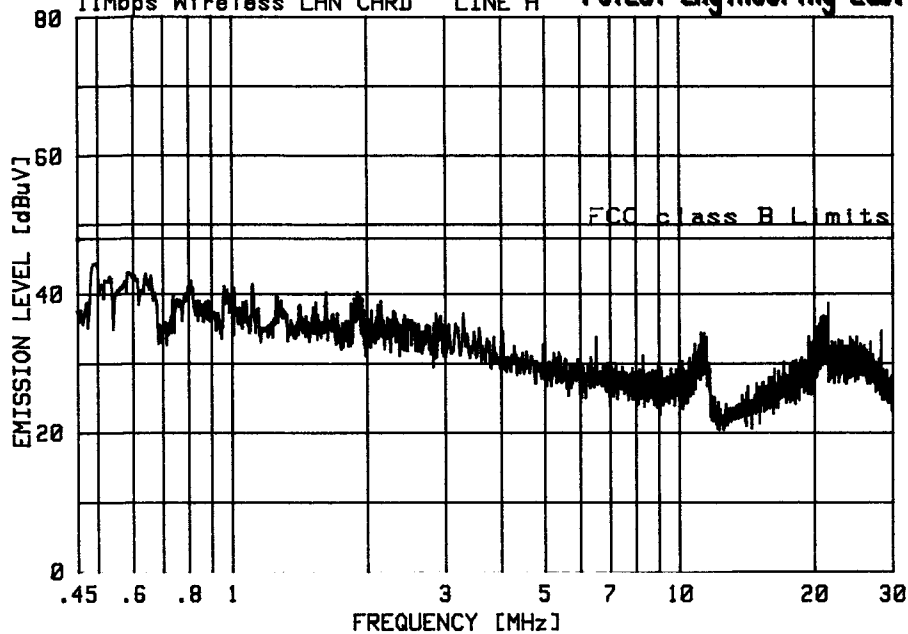## Appendix B – Plots of Emissions

CREWAVE   Model: CW-1100   DoC/FCC   **PCTEST Engineering Lab.**
11Mbps Wireless LAN CARD   LINE A
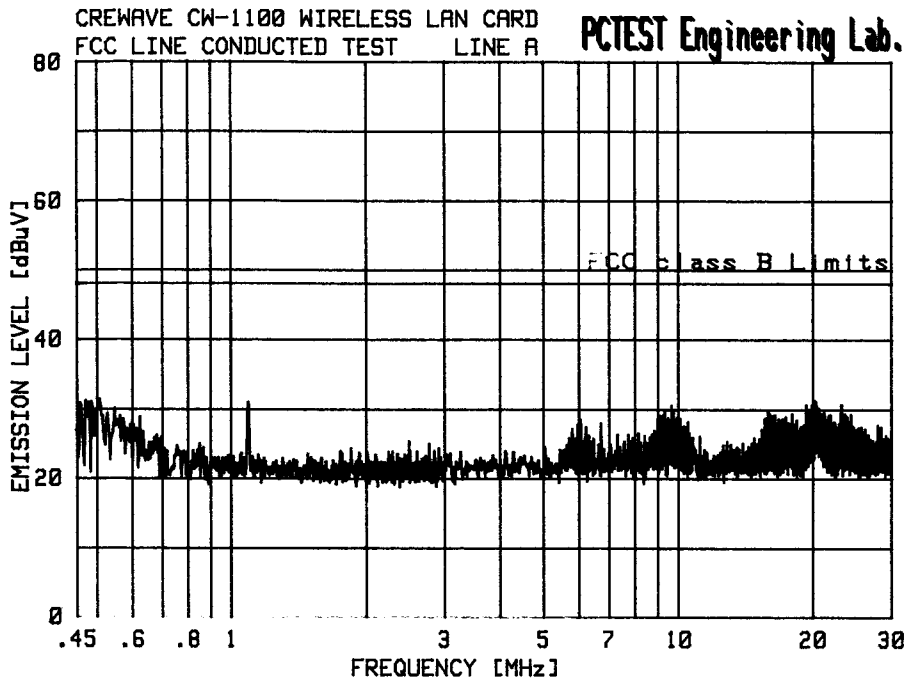
FREQUENCY [MHz]

CREWAVE   Model: CW-1100   DoC/FCC   **PCTEST Engineering Lab.**
11Mbps Wireless LAN CARD   LINE B

FREQUENCY [MHz]

No.	Freq. [MHz]	Quasi-Pk [dBuV]	Average [dBuV]	QP-AV [dB]	Emission [dBuV]	Limit [dBuV]	Margin [dB]
1	.496	42.43	–	–	42.43	48.00	-5.57
2	.592	42.46	–	–	42.46	48.00	-5.54
3	.639	39.92	–	–	39.92	48.00	-8.08
4	.809	39.01	–	–	39.01	48.00	-8.99
5	1.116	35.85	–	–	35.85	48.00	-12.15
6	.967	36.91	–	–	36.91	48.00	-11.09
7	1.026	35.67	–	–	35.67	48.00	-12.33
8	1.884	34.17	–	–	34.17	48.00	-13.83
9	1.630	33.32	–	–	33.32	48.00	-14.68
10	1.277	36.27	–	–	36.27	48.00	-11.73
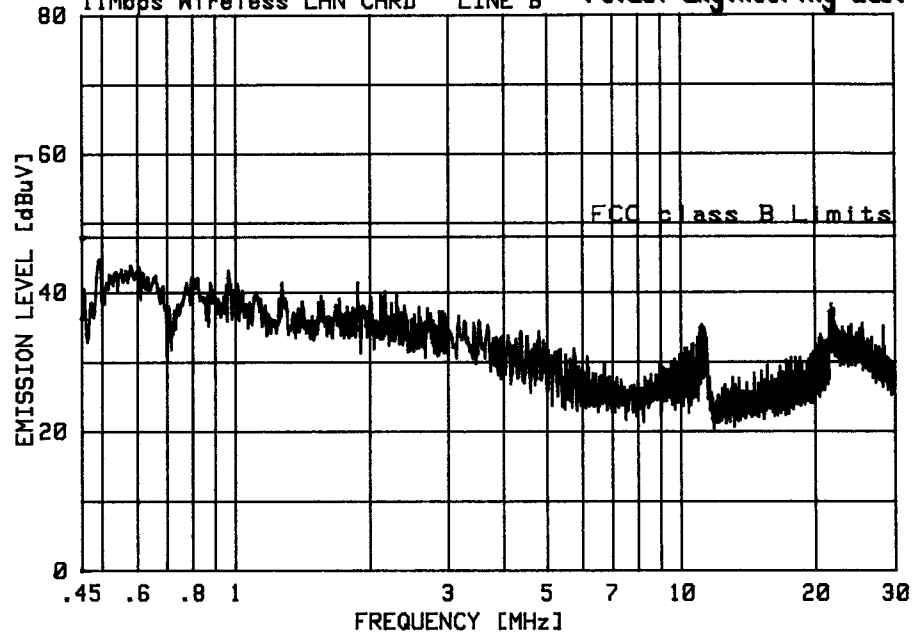
No.	Freq. [MHz]	Quasi-Pk [dBuV]	Average [dBuV]	QP-AV [dB]	Emission [dBuV]	Limit [dBuV]	Margin [dB]
1	.483	41.36	–	–	41.36	48.00	-6.64
2	.969	37.30	–	–	37.30	48.00	-10.70
3	.636	40.40	–	–	40.40	48.00	-7.60
4	.637	40.51	–	–	40.51	48.00	-7.49
5	.810	39.65	–	–	39.65	48.00	-8.35
6	.810	39.64	–	–	39.64	48.00	-8.36
7	.766	38.62	–	–	38.62	48.00	-9.38
8	1.278	36.79	–	–	36.79	48.00	-11.21
9	1.882	34.58	–	–	34.58	48.00	-13.42
10	1.027	36.98	–	–	36.98	48.00	-11.02

CREWAVE CW-1100 WIRELESS LAN CARD
FCC LINE CONDUCTED TEST   LINE A   PCTEST Engineering Lab.

CREWAVE CW-1100 WIRELESS LAN CARD
FCC LINE CONDUCTED TEST   LINE B   PCTEST Engineering Lab.

No.	Freq. [MHz]	Quasi-Pk [dBuV]	Average [dBuV]	QP-AV [dB]	Emission [dBuV]	Limit [dBuV]	Margin [dB]
1	.501	29.94	—	—	29.94	48.00	-18.06
2	.452	26.19	—	—	26.19	48.00	-21.81
3	20.197	29.52	—	—	29.52	48.00	-18.48
4	20.110	26.10	—	—	26.10	48.00	-21.90
5	20.196	27.16	—	—	27.16	48.00	-20.84
6	20.279	26.72	—	—	26.72	48.00	-21.28
7	.455	23.98	—	—	23.98	48.00	-24.02
8	1.089	28.07	—	—	28.07	48.00	-19.93
9	19.357	27.84	—	—	27.84	48.00	-20.16
10	19.860	26.96	—	—	26.96	48.00	-21.04
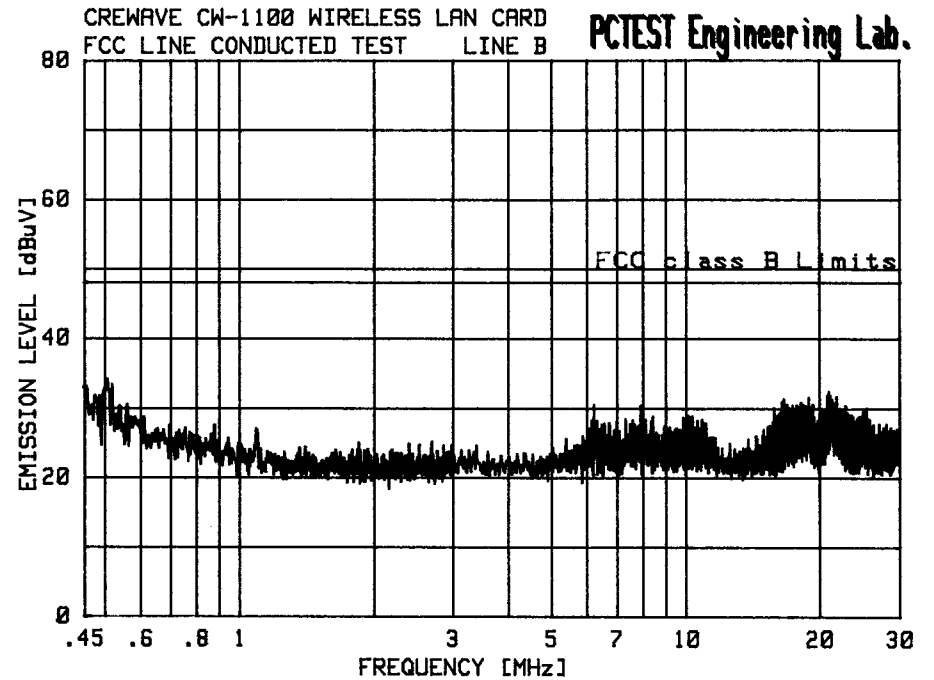
No.	Freq. [MHz]	Quasi-Pk [dBuV]	Average [dBuV]	QP-AV [dB]	Emission [dBuV]	Limit [dBuV]	Margin [dB]
1	.506	28.25	—	—	28.25	48.00	-19.75
2	.450	27.67	—	—	27.67	48.00	-20.33
3	20.960	26.22	—	—	26.22	48.00	-21.78
4	21.127	26.28	—	—	26.28	48.00	-21.72
5	20.792	26.55	—	—	26.55	48.00	-21.45
6	21.797	25.96	—	—	25.96	48.00	-22.04
7	18.947	26.05	—	—	26.05	48.00	-21.95
8	21.043	26.46	—	—	26.46	48.00	-21.54
9	16.685	26.30	—	—	26.30	48.00	-21.70
10	21.296	27.85	—	—	27.85	48.00	-20.15
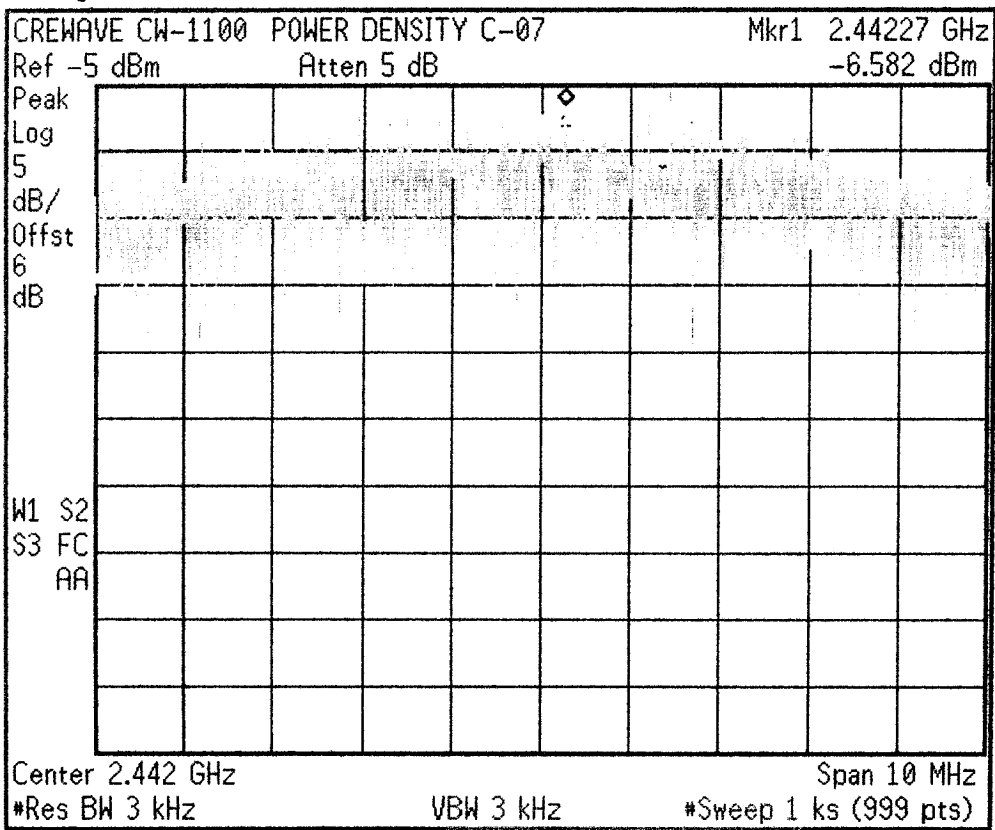
Agilent 11:34:42 Jan 3, 2001   Freq/Channel

CREWAVE CW-1100 POWER DENSITY C-07   Mkr1 2.44227 GHz

Ref -5 dBm   Atten 5 dB   -6.582 dBm

Peak
Log
5
dB/
Offst
6
dB

W1 S2
S3 FC
AA

Center 2.442 GHz   Span 10 MHz

#Res BW 3 kHz   VBW 3 kHz   #Sweep 1 ks (999 pts)

Center Freq 2.44200000 GHz

Start Freq 2.43700000 GHz

Stop Freq 2.44700000 GHz

CF Step 1.00000000 MHz
Auto   Man

Freq Offset 0.00000000 Hz

Signal Track
On   Off

Agilent 12:05:37 Jan 3, 2001   Freq/Channel

CREWAVE CW-1100 POWER DENSITY C-13   Mkr1 2.47343 GHz

Ref -5 dBm   Atten 5 dB   -8.044 dBm

Peak
Log
5
dB/
Offst
6
dB

W1 S2
S3 FC
AA

Center 2.472 GHz   Span 10 MHz

#Res BW 3 kHz   VBW 3 kHz   #Sweep 1 ks (999 pts)
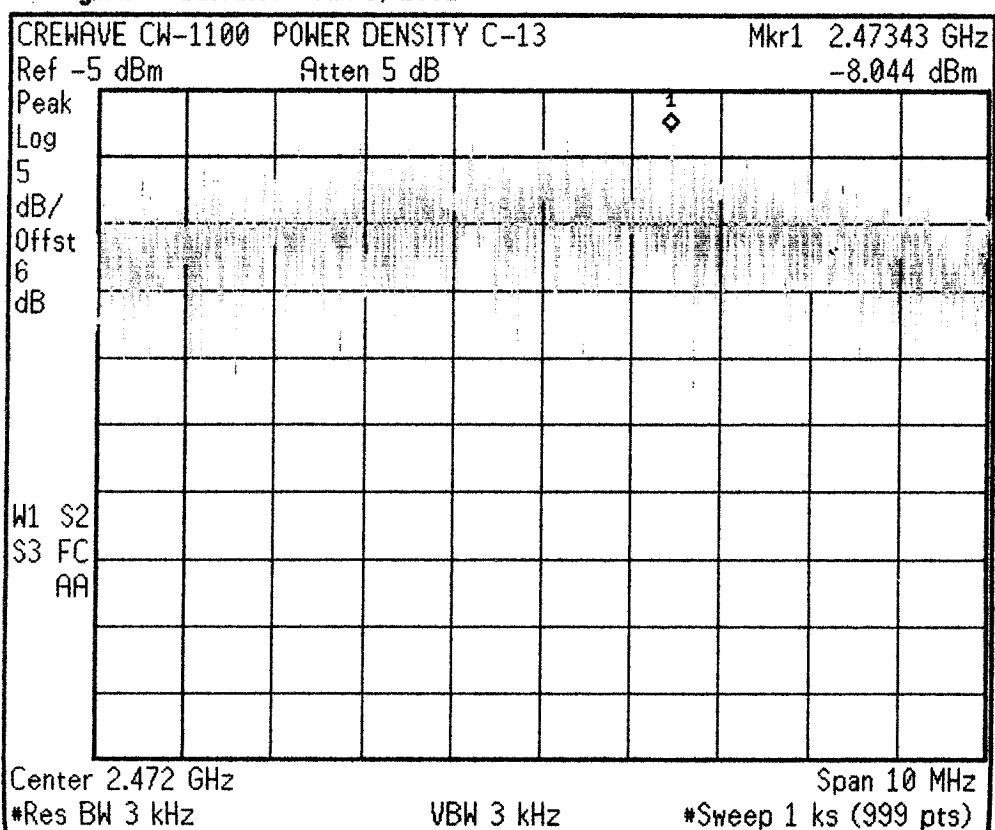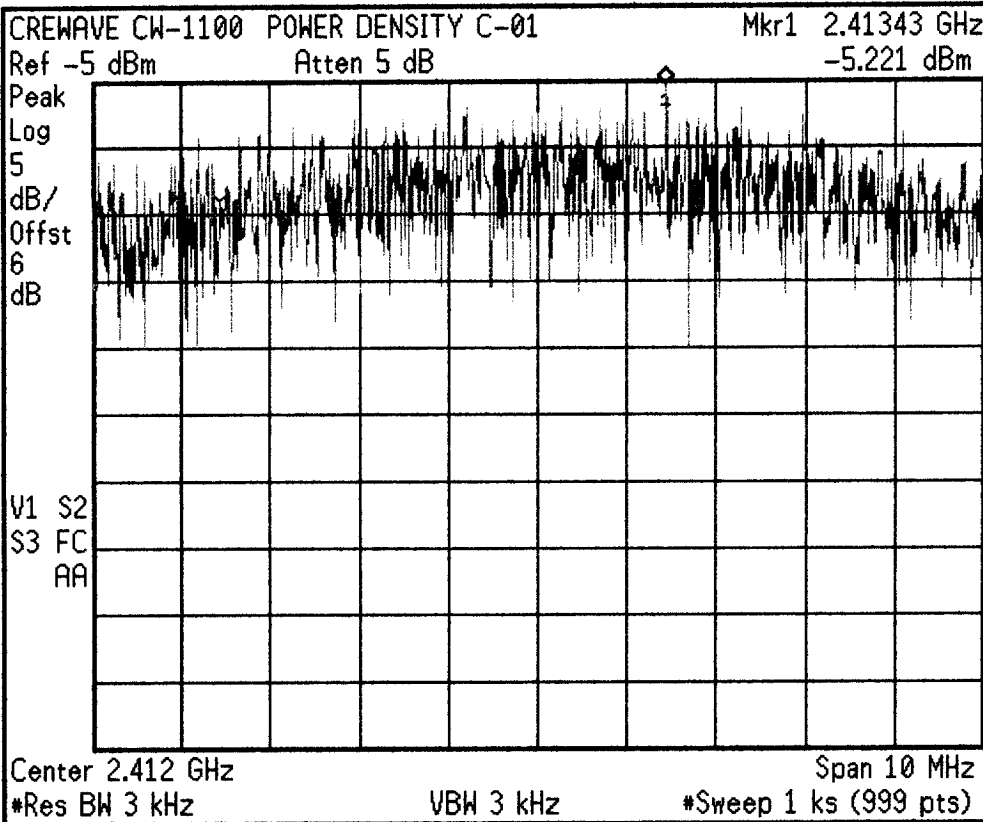
Center Freq 2.47200000 GHz

Start Freq 2.46700000 GHz

Stop Freq 2.47700000 GHz

CF Step 1.00000000 MHz
Auto   Man

Freq Offset 0.00000000 Hz

Signal Track
On   Off

First display

CREWAVE CW-1100 POWER DENSITY C-01   Mkr1 2.41343 GHz
Ref -5 dBm   Atten 5 dB   -5.221 dBm
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
  AA

Center 2.412 GHz   Span 10 MHz
#Res BW 3 kHz   VBW 3 kHz   #Sweep 1 ks (999 pts)

Freq/Channel

Center Freq
2.41200000 GHz

Start Freq
2.40700000 GHz

Stop Freq
2.41700000 GHz

CF Step
1.00000000 MHz
Auto   Man
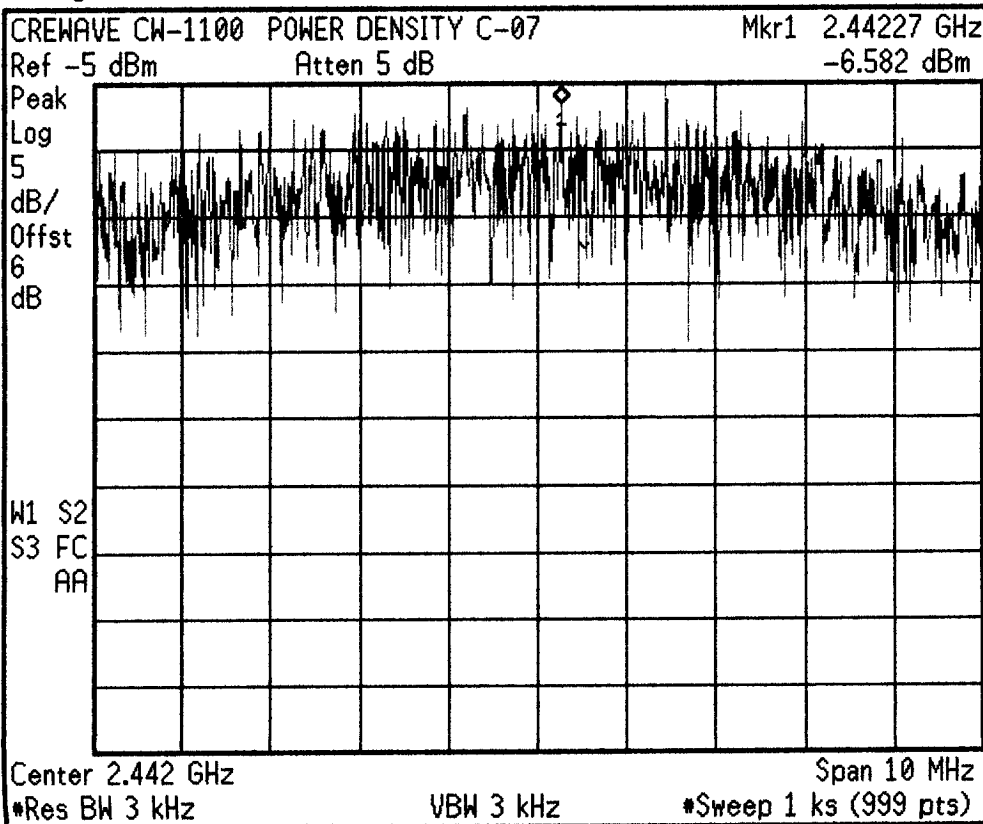
Freq Offset
0.00000000 Hz

Signal Track
On   Off

Second display

※ Agilent 11:33:20 Jan 3, 2001

CREWAVE CW-1100 POWER DENSITY C-07   Mkr1 2.44227 GHz
Ref -5 dBm   Atten 5 dB   -6.582 dBm
Peak
Log
5
dB/
Offst
6
dB

W1 S2
S3 FC
  AA

Center 2.442 GHz   Span 10 MHz
#Res BW 3 kHz   VBW 3 kHz   #Sweep 1 ks (999 pts)
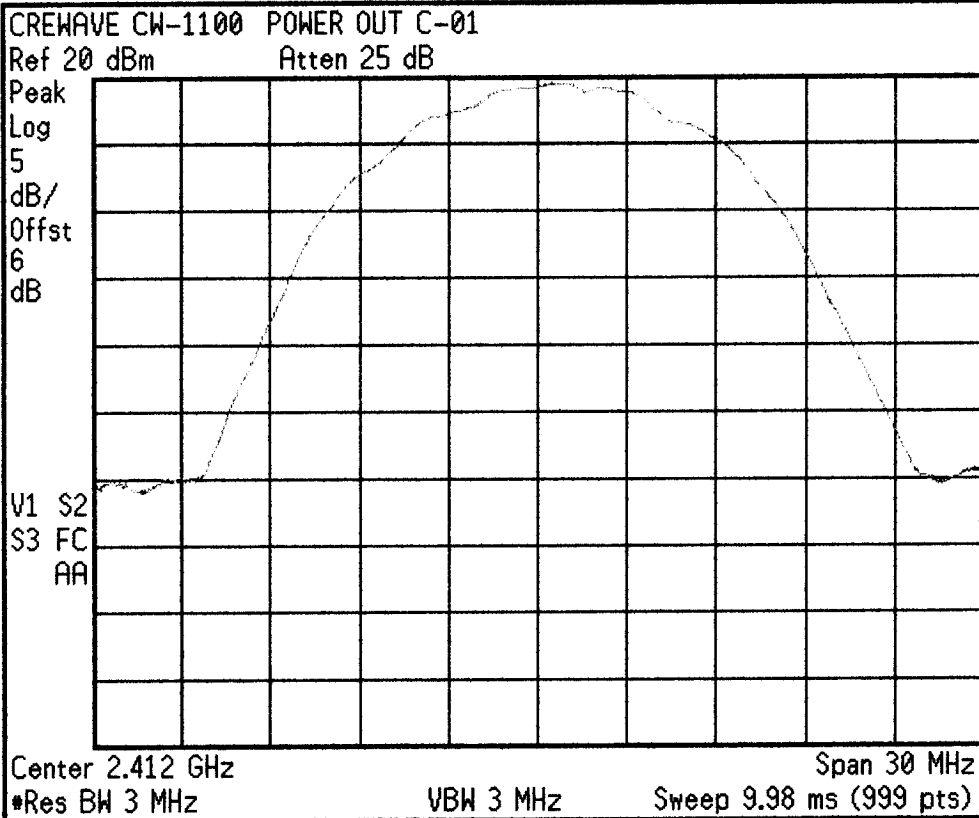
Freq/Channel

Center Freq
2.44200000 GHz

Start Freq
2.43700000 GHz

Stop Freq
2.44700000 GHz

CF Step
1.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

	Freq/Channel

CREWAVE CW-1100 POWER OUT C-01
Ref 20 dBm   Atten 25 dB

Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
    AA

Center 2.412 GHz   Span 30 MHz
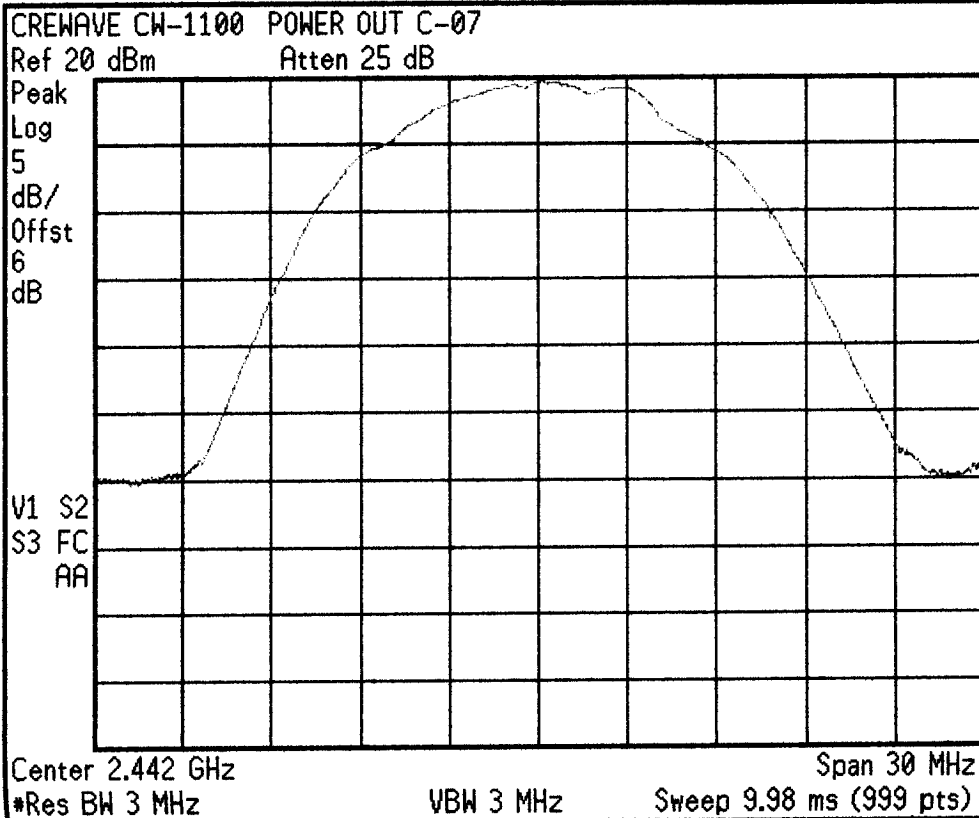*Res BW 3 MHz   VBW 3 MHz   Sweep 9.98 ms (999 pts)

Center Freq
2.41200000 GHz

Start Freq
2.39700000 GHz

Stop Freq
2.42700000 GHz

CF Step
3.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

	Freq/Channel

CREWAVE CW-1100 POWER OUT C-07
Ref 20 dBm   Atten 25 dB

Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
    AA

Center 2.442 GHz   Span 30 MHz
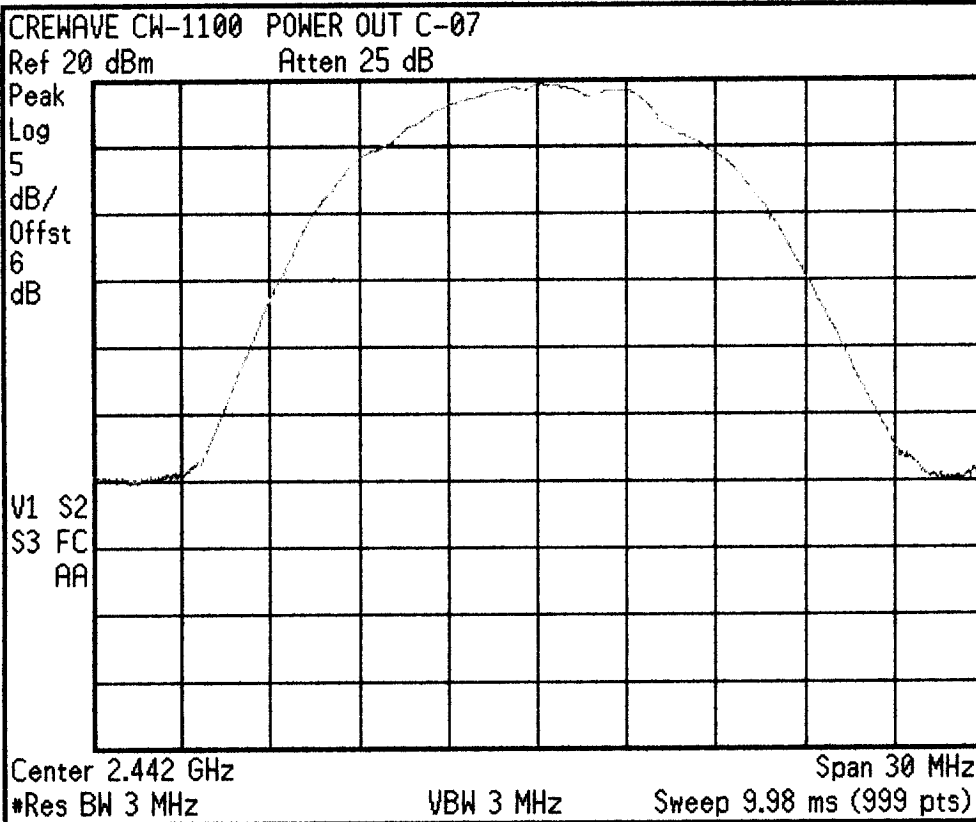*Res BW 3 MHz   VBW 3 MHz   Sweep 9.98 ms (999 pts)

Center Freq
2.44200000 GHz

Start Freq
2.42700000 GHz

Stop Freq
2.45700000 GHz

CF Step
3.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

Freq/Channel

CREWAVE CW-1100 POWER OUT C-07
Ref 20 dBm   Atten 25 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
  AA

Center 2.442 GHz   Span 30 MHz
*Res BW 3 MHz   VBW 3 MHz   Sweep 9.98 ms (999 pts)
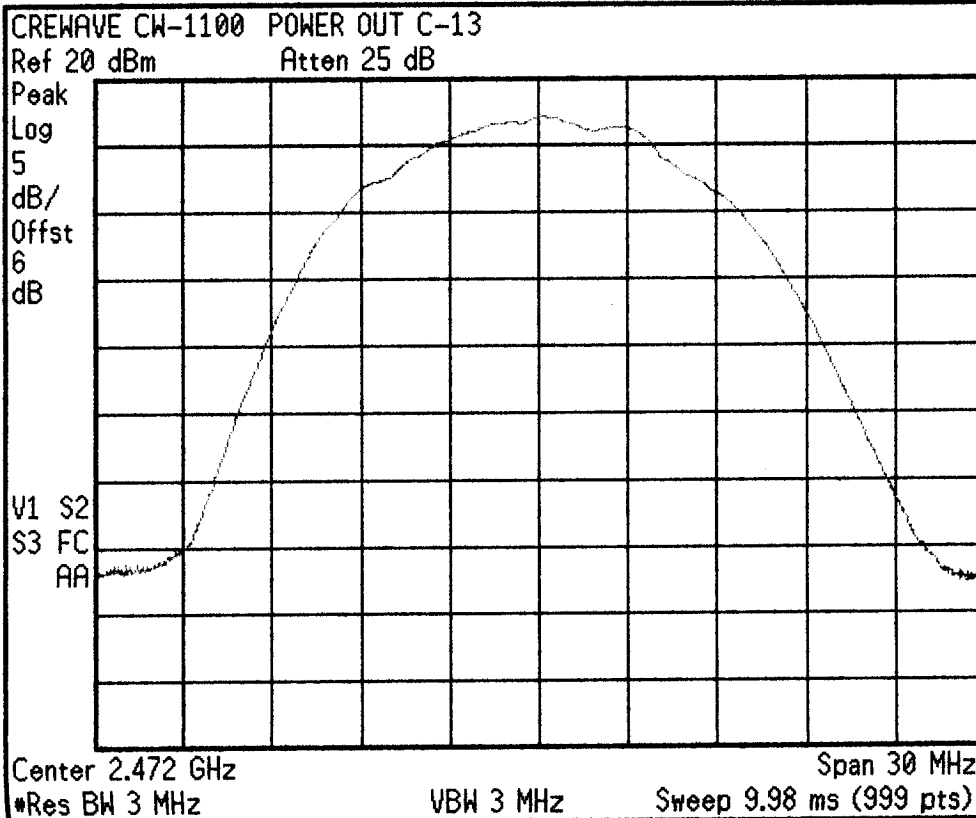
Center Freq
2.44200000 GHz

Start Freq
2.42700000 GHz

Stop Freq
2.45700000 GHz

CF Step
3.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

Freq/Channel

CREWAVE CW-1100 POWER OUT C-13
Ref 20 dBm   Atten 25 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
  AA

Center 2.472 GHz   Span 30 MHz
*Res BW 3 MHz   VBW 3 MHz   Sweep 9.98 ms (999 pts)

Center Freq
2.47200000 GHz

Start Freq
2.45700000 GHz

Stop Freq
2.48700000 GHz

CF Step
3.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz
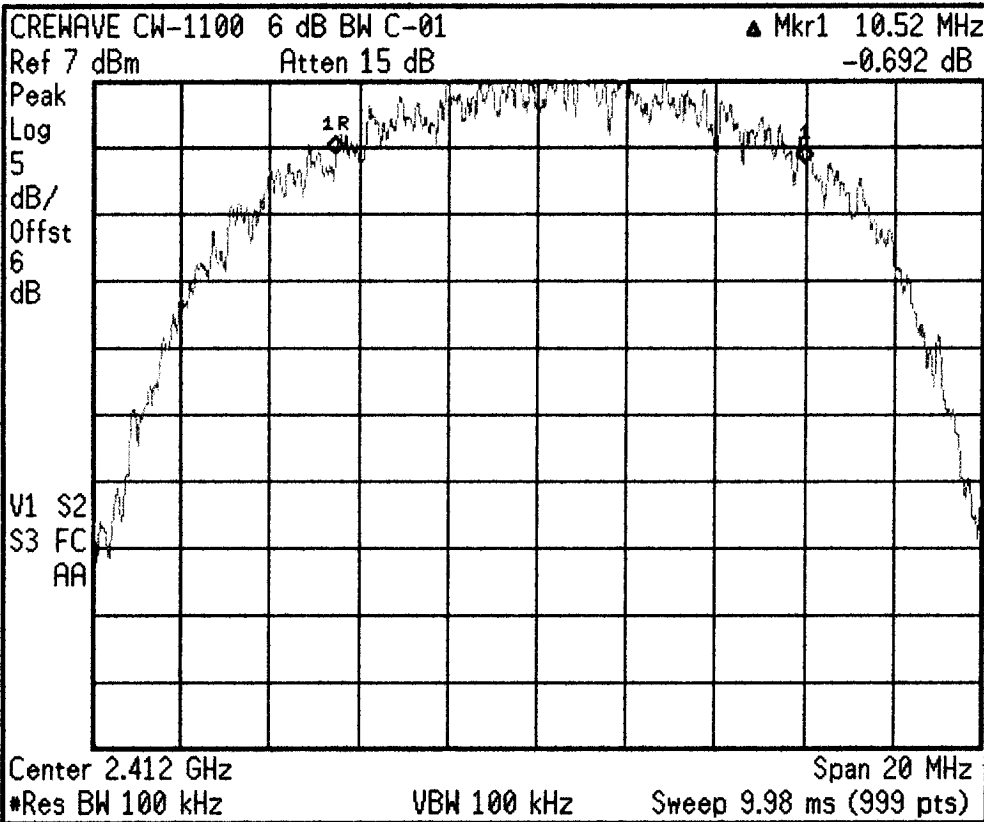
Signal Track
On   Off

Agilent   08:50:21 Jan 3, 2001

CREWAVE CW-1100 6 dB BW C-01   ▲ Mkr1 10.52 MHz
Ref 7 dBm   Atten 15 dB   -0.692 dB
Peak
Log
5
dB/
Offst
6
dB

1R

V1 S2
S3 FC
  AA

Center 2.412 GHz   Span 20 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 9.98 ms (999 pts)

Freq/Channel

Center Freq
2.41200000 GHz

Start Freq
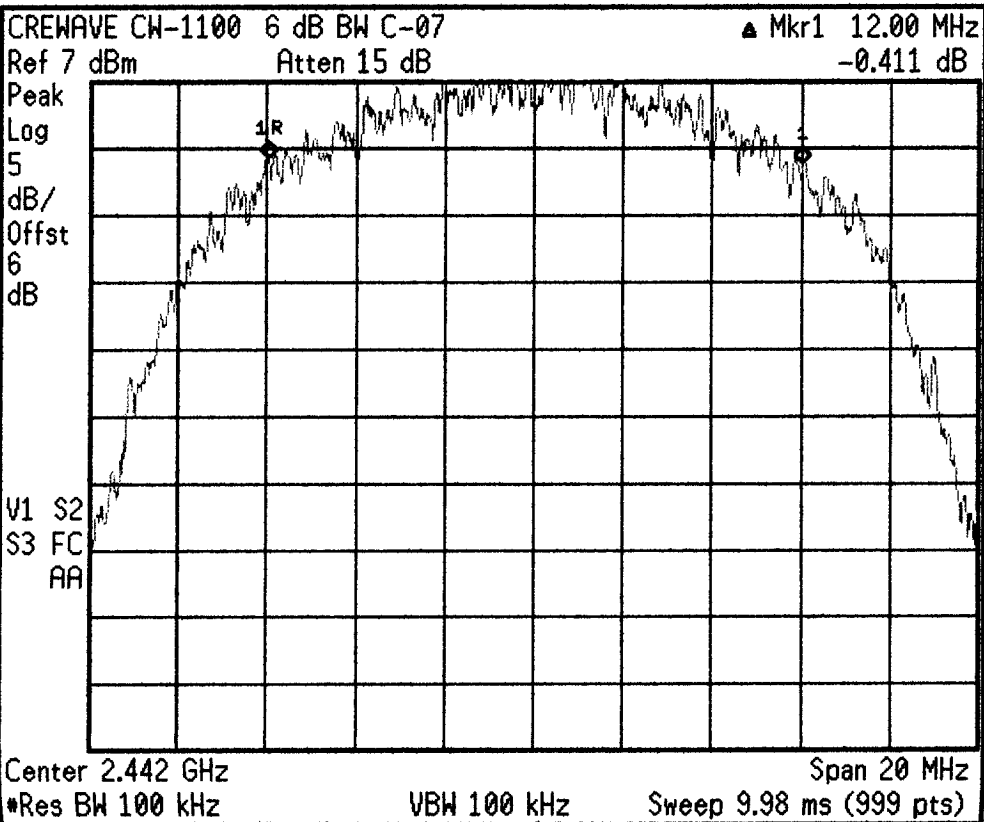2.40200000 GHz

Stop Freq
2.42200000 GHz

CF Step
2.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

Agilent   08:52:28 Jan 3, 2001

CREWAVE CW-1100 6 dB BW C-07   ▲ Mkr1 12.00 MHz
Ref 7 dBm   Atten 15 dB   -0.411 dB
Peak
Log
5
dB/
Offst
6
dB

1R

V1 S2
S3 FC
  AA

Center 2.442 GHz   Span 20 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 9.98 ms (999 pts)

Freq/Channel

Center Freq
2.44200000 GHz

Start Freq
2.43200000 GHz

Stop Freq
2.45200000 GHz

CF Step
2.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

CREWAVE CW-1100 6 dB BW C-07   ▲ Mkr1 12.00 MHz
Ref 7 dBm   Atten 15 dB   -0.411 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
AA

Center 2.442 GHz   Span 20 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 9.98 ms (999 pts)

Freq/Channel

Center Freq
2.44200000 GHz

Start Freq
2.43200000 GHz

Stop Freq
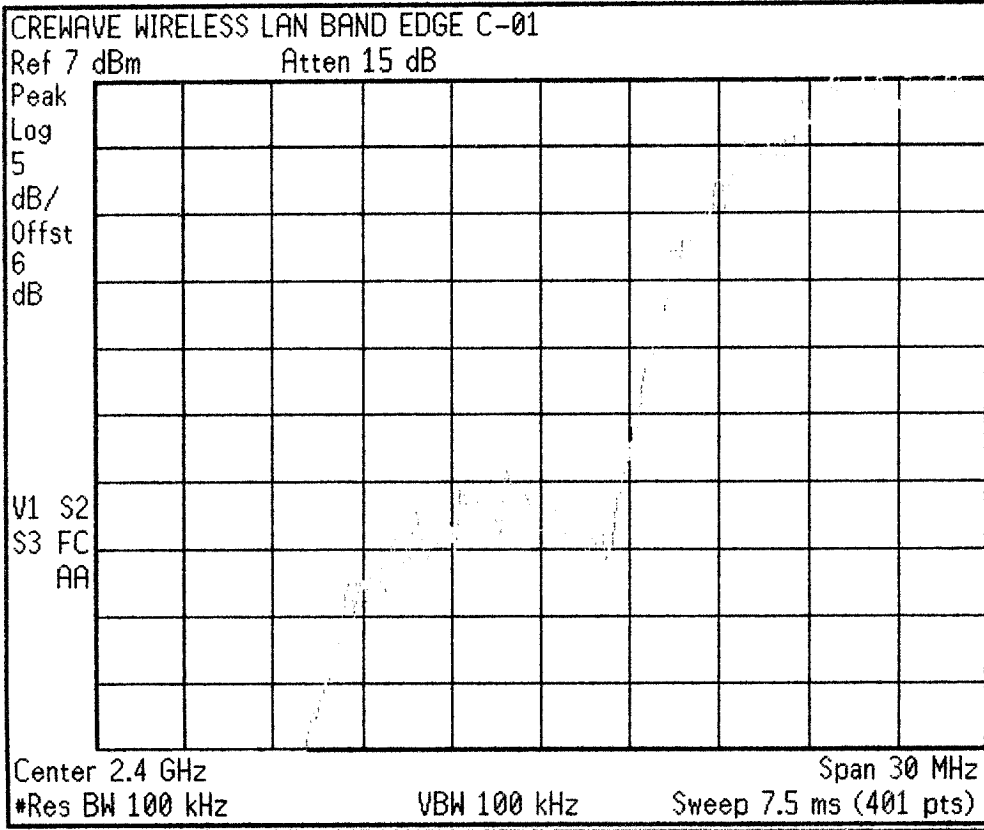2.45200000 GHz

CF Step
2.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

CREWAVE CW-1100 6 dB BW C-13   ▲ Mkr1 11.32 MHz
Ref 4 dBm   Atten 10 dB   -0.678 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
AA

Center 2.472 GHz   Span 20 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 9.98 ms (999 pts)
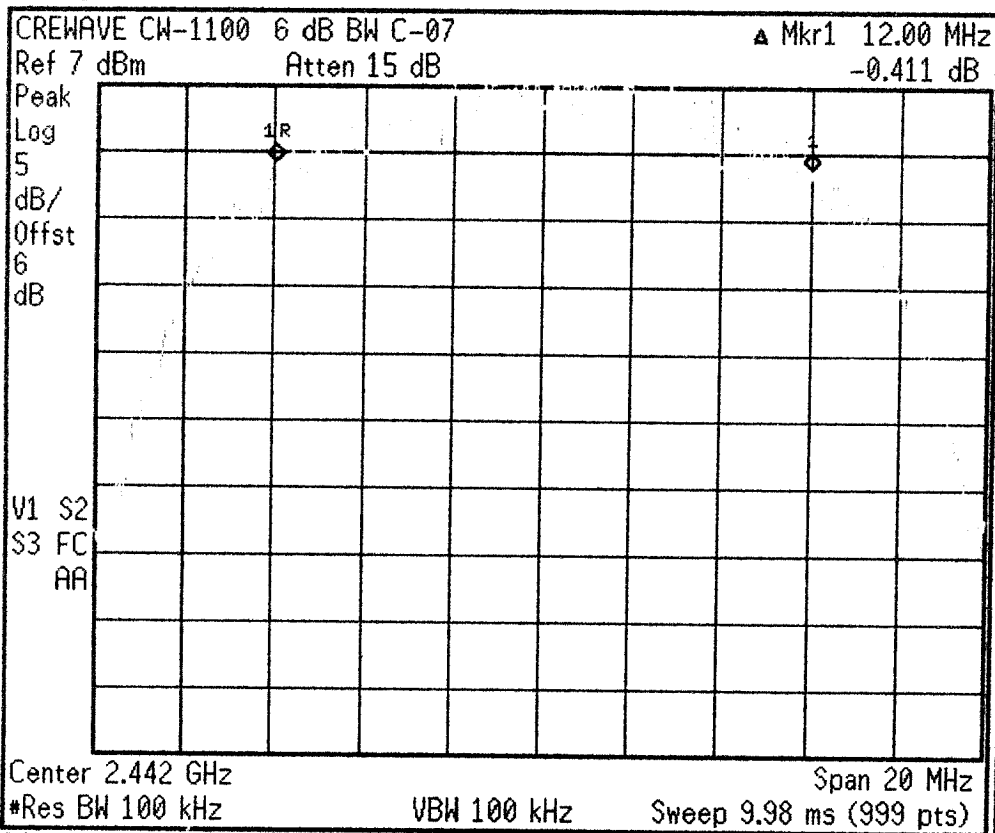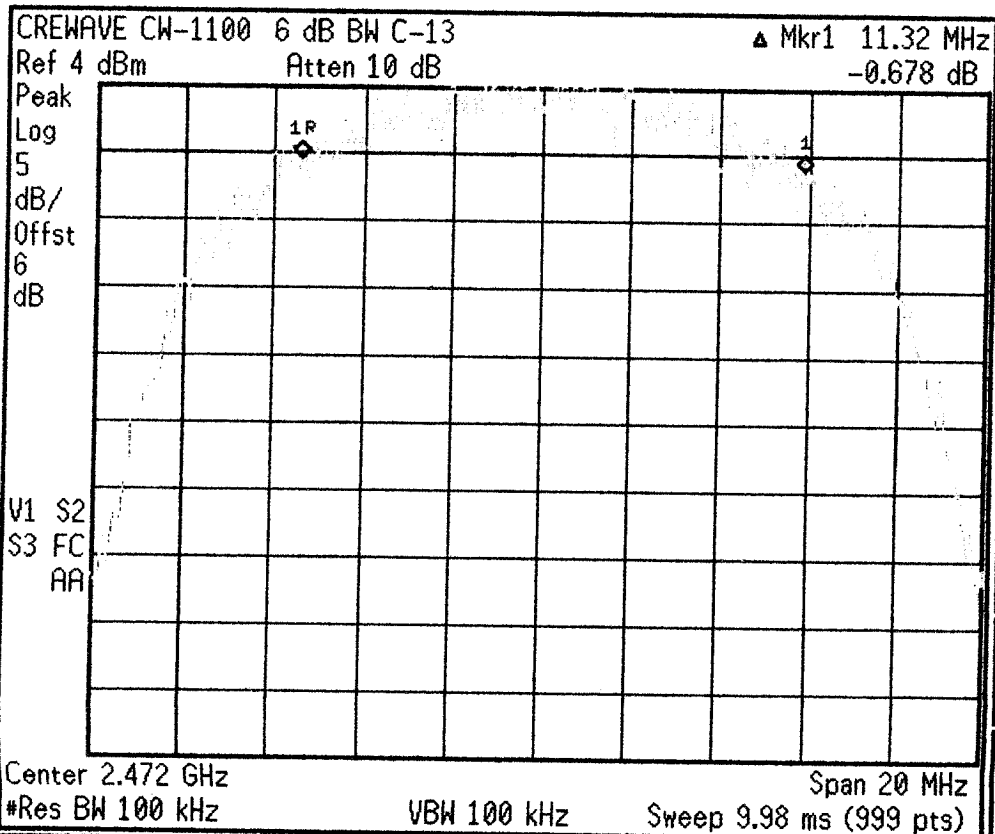
Freq/Channel

Center Freq
2.47200000 GHz

Start Freq
2.46200000 GHz

Stop Freq
2.48200000 GHz

CF Step
2.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

CREWAVE WIRELESS LAN BAND EDGE C-01
Ref 7 dBm   Atten 15 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
AA

Center 2.4 GHz   Span 30 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 7.5 ms (401 pts)

Freq/Channel

Center Freq
2.40000000 GHz
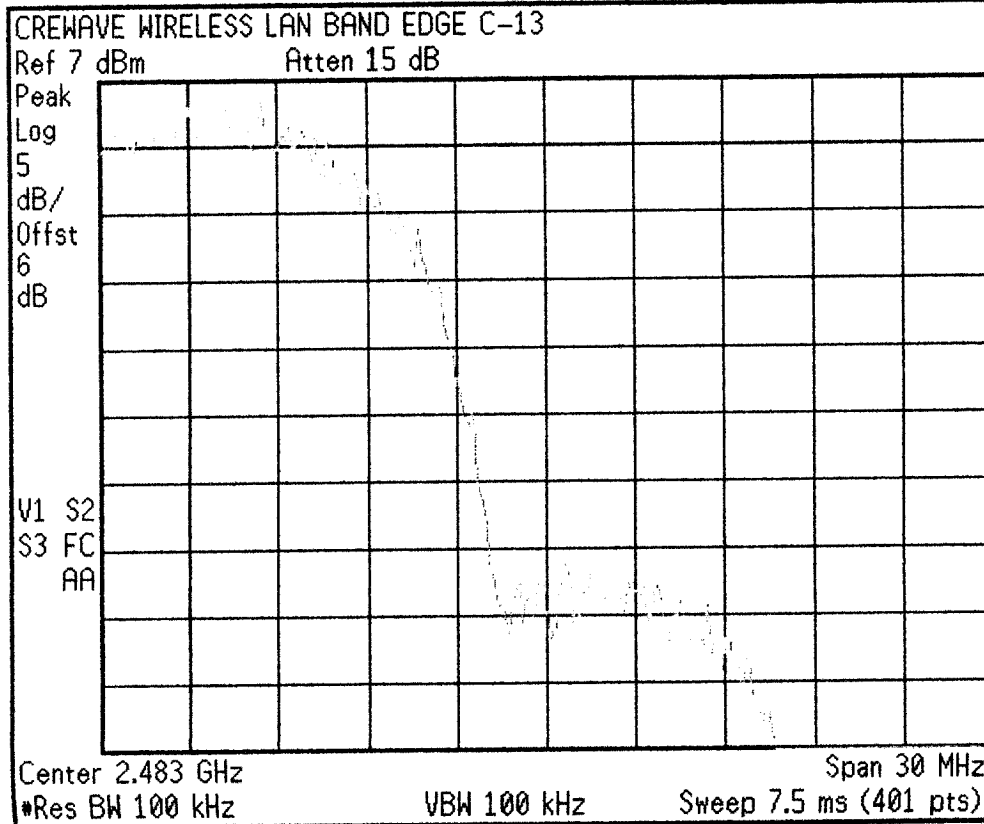
Start Freq
2.38500000 GHz

Stop Freq
2.41500000 GHz

CF Step
3.00000000 MHz
Auto   Man

Freq Offset
0.00000000 Hz

Signal Track
On   Off

Agilent   07:19:41 Jan 4, 2001

CREWAVE WIRELESS LAN BAND EDGE C-13
Ref 7 dBm   Atten 15 dB
Peak
Log
5
dB/
Offst
6
dB

V1 S2
S3 FC
AA

Center 2.483 GHz   Span 30 MHz
#Res BW 100 kHz   VBW 100 kHz   Sweep 7.5 ms (401 pts)

Print Setup

Printer Type
Custom

**Define
Custom**

Orientation
Portrait

Color
On   Off

Prints/Page
1   2

Eject Page