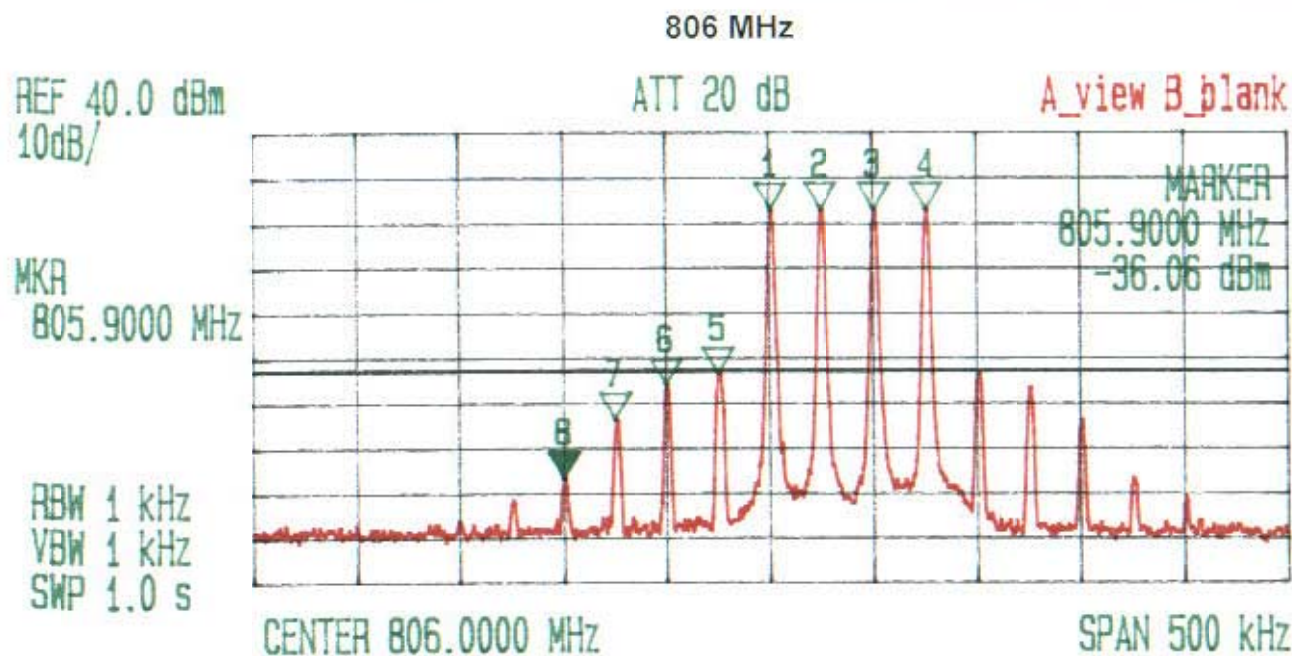


PLOT #151



RF IN

- ① -56.63 dBm
- ② -56.9 dBm
- ③ -57.2 dBm
- ④ -58.7 dBm

*** Multi Marker List ***

No. 1:	806.0007 MHz	23.19 dBm	A
No. 2:	806.0250 MHz	23.25 dBm	A
No. 3:	806.0507 MHz	23.28 dBm	A
No. 4:	806.0757 MHz	23.16 dBm	A
No. 5:	805.9750 MHz	-13.22 dBm	A
No. 6:	805.9500 MHz	-16.00 dBm	A
No. 7:	805.9250 MHz	-23.22 dBm	A
No. 8:	805.9000 MHz	-36.06 dBm	A
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 806-824 MHz Output with 1 RF Input Signals
RF In / Out Frequency 813.5 MHz

Date: May 27 2001
Tested by: Hung Trinh

PLOT#152

RF IN - 4# dBm

Sun May 27 04:19:47 2001

REF 50.0 dBm
10dB/

ATT 30 dB

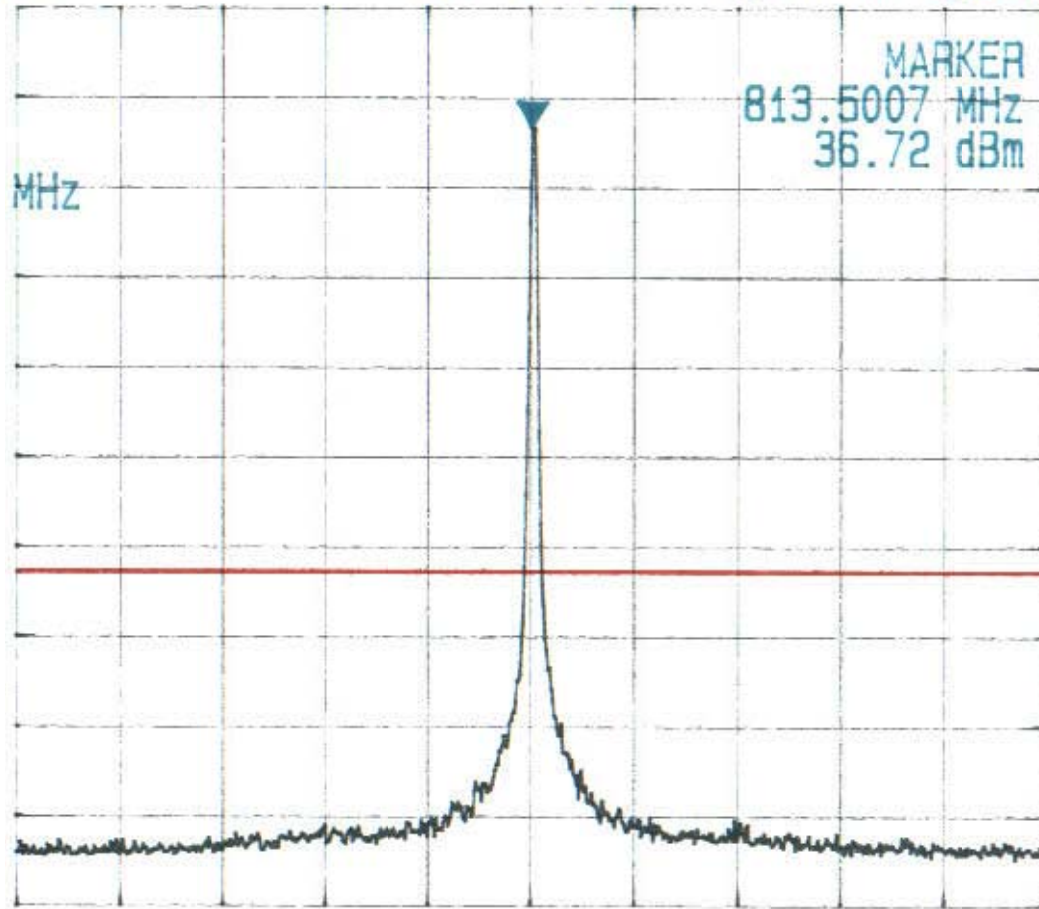
A_write&max B_plank

MKR
813.5007 MHz

MARKER
813.5007 MHz
36.72 dBm

REF OFS
31.3 dB

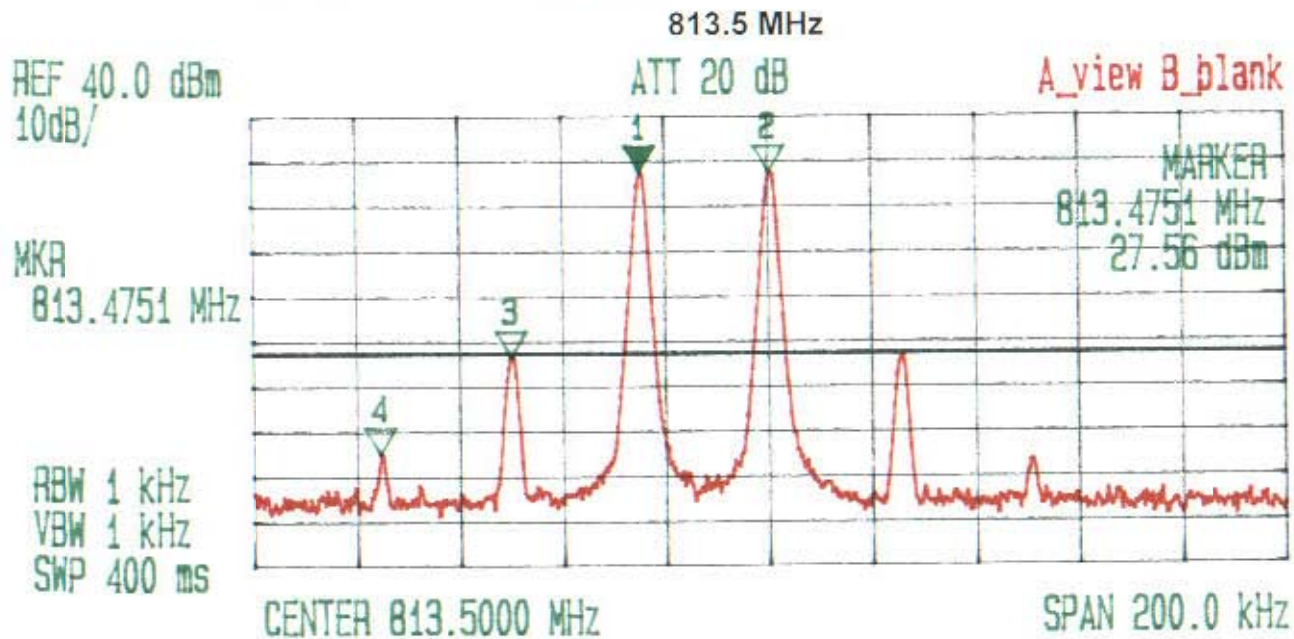
RBW
1 kHz
VBW
1 kHz
SWP
1.0 s



CENTER 813.5000 MHz

SPAN 500 kHz

PLOT #153



RF IN

- ① -54.3 dBm
- ② -54.3 dBm

*** Multi Marker List ***

No. 1:	813.4751 MHz	27.56 dBm	A
No. 2:	813.5003 MHz	27.59 dBm	A
No. 3:	813.4500 MHz	-13.13 dBm	A
No. 4:	813.4246 MHz	-34.69 dBm	A
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			

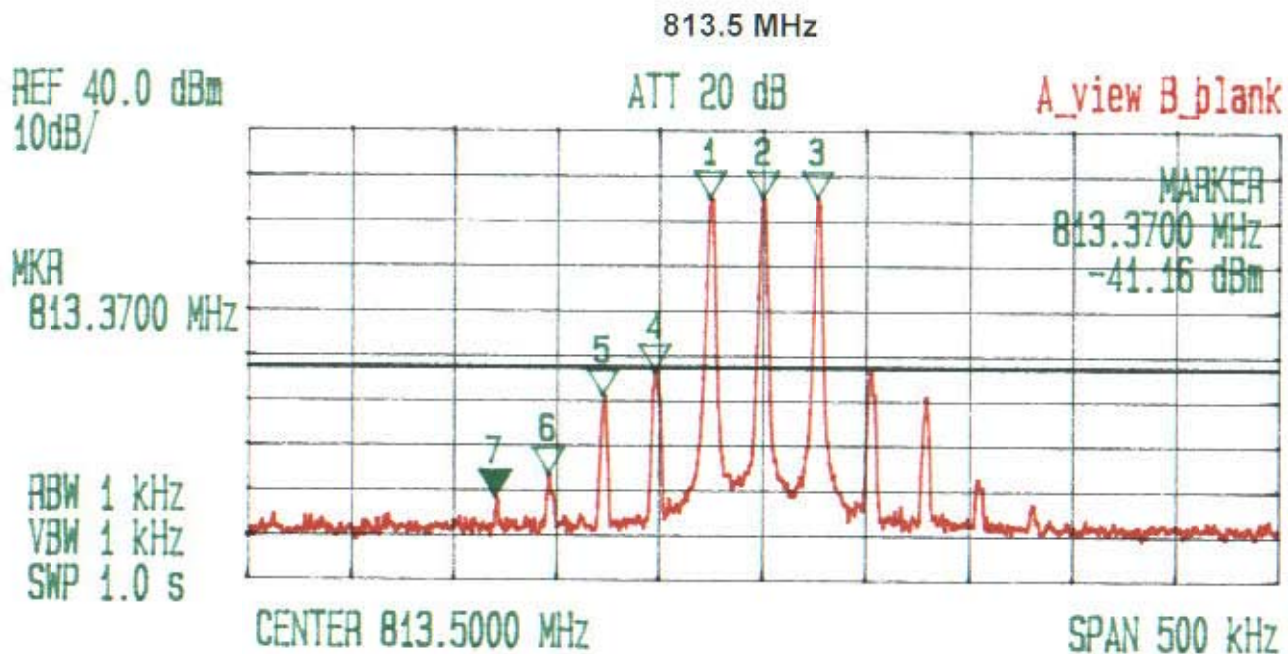


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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 3 RF Input signals in 806 - 821 MHz
813.475, 813.5, 813.525 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT#154



RF IN

- ① -56.3 dBm
- ② -56.3 dBm
- ③ -56.5 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Label
No. 1:	813.4743 MHz	25.28 dBm	A
No. 2:	813.5000 MHz	25.25 dBm	A
No. 3:	813.5264 MHz	25.28 dBm	A
No. 4:	813.4479 MHz	-13.09 dBm	A
No. 5:	813.4221 MHz	-18.81 dBm	A
No. 6:	813.3957 MHz	-36.19 dBm	A
No. 7:	813.3700 MHz	-41.16 dBm	A
No. 8:			
Δ:			

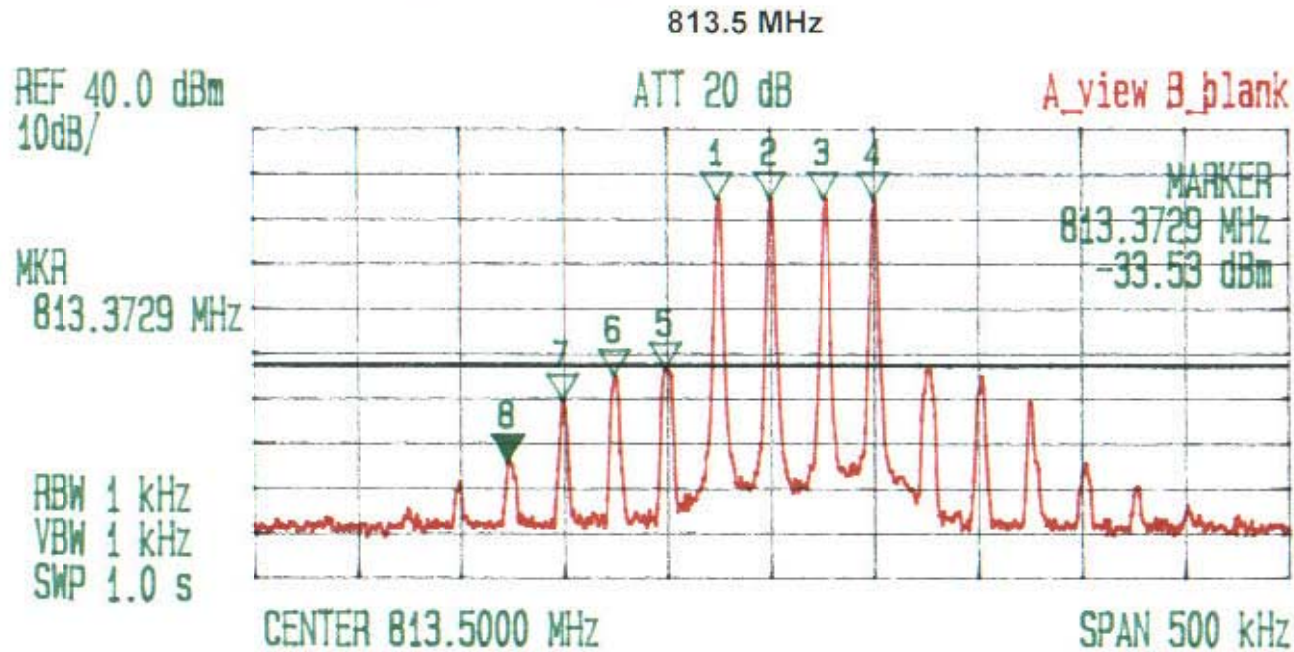


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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 4 RF Input signals in 806 - 821 MHz
813.475, 813.5, 813.525, 813.55 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT # 155



RF IN

- ① -57.5 dBm
- ② -57.3 dBm
- ③ -57.47 dBm
- ④ -57.91 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	813.4743	24.50	A
No. 2:	813.5000	24.53	A
No. 3:	813.5257	24.53	A
No. 4:	813.5500	24.50	A
No. 5:	813.4493	-13.38	A
No. 6:	813.4243	-14.78	A
No. 7:	813.3993	-20.06	A
No. 8:	813.3729	-33.53	A
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 800-824 MHz Output with 1 RF Input Signals
RF In / Out Frequency 821 MHz

Date: May 27 2001
Tested by: Hung Trinh

PLOT # 150

RF IN -42.5 dBm

Sun May 27 04:24:27 2001

REF 50.0 dBm
10dB/

ATT 30 dB

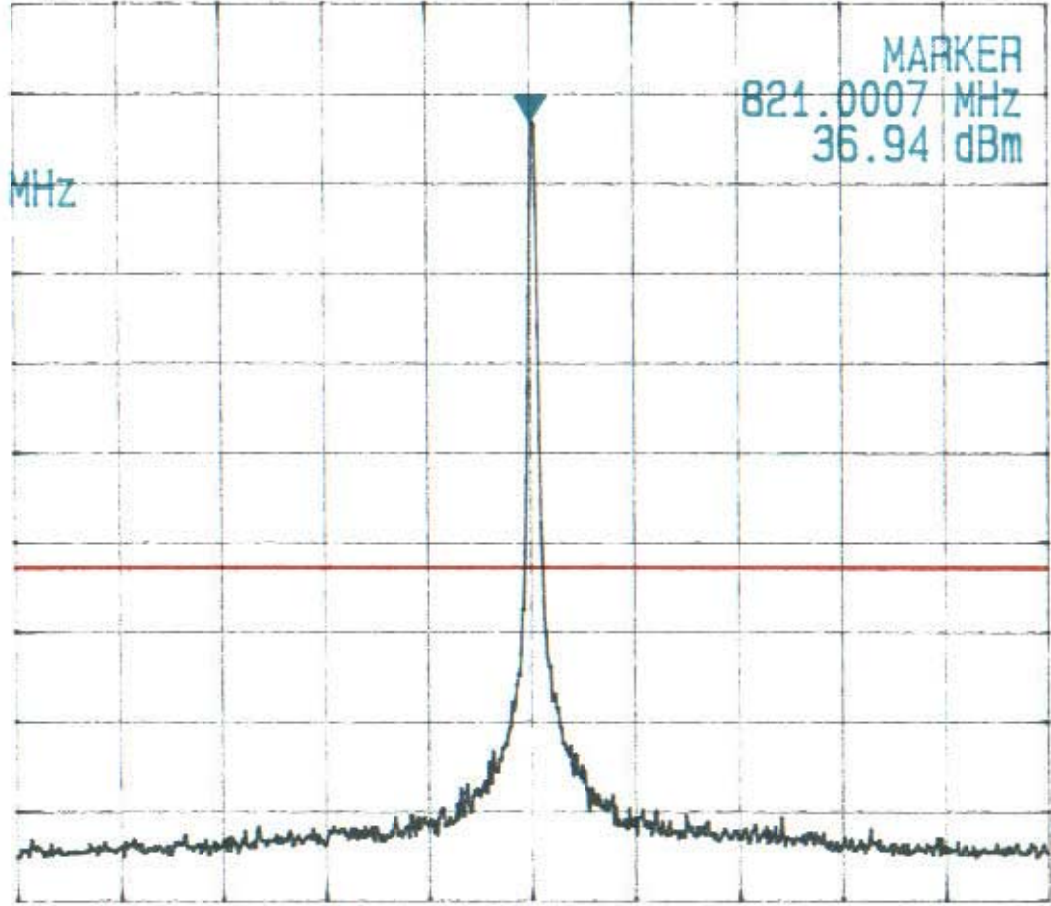
A_write&max B_plank

MKR
821.0007 MHz

MARKER
821.0007 MHz
36.94 dBm

REF DFS
31.3 dB

RBW
1 kHz
VBW
1 kHz
SWP
1.0 s



CENTER 821.0000 MHz

SPAN 500 kHz



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 2 RF Input signals in 806 - 821 MHz
820.975, 821 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #157

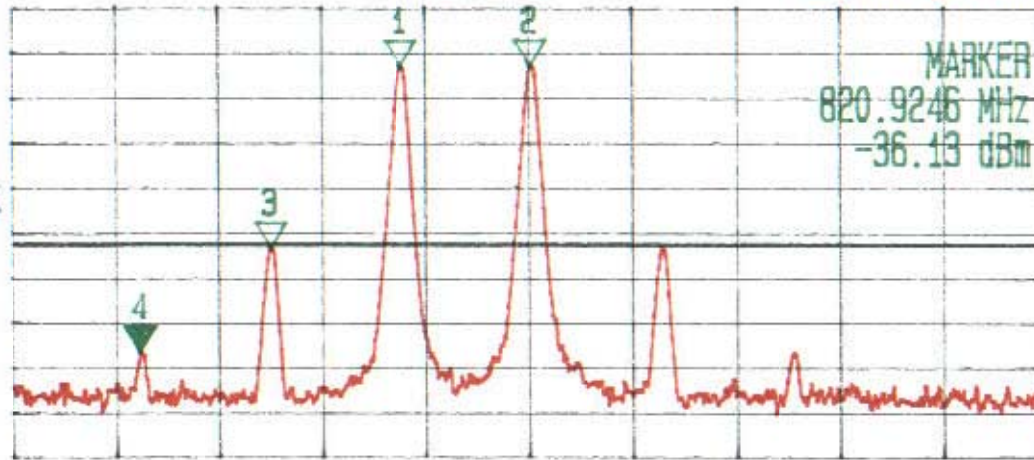
821 MHz 25 kHz CHANNEL SPACING

REF 40.0 dBm
10dB/

ATT 20 dB

A_view B_plank

MKR
820.9246 MHz



RBW 1 kHz
VBW 1 kHz
SWP 400 ms

CENTER 821.0000 MHz

SPAN 200.0 kHz

MARKER
820.9246 MHz
-36.13 dBm

RF IN

- ① -53.3 dBm
- ② -53.3 dBm

*** Multi Marker List ***

No. 1:	820.9751 MHz	27.34 dBm	A
No. 2:	821.0003 MHz	27.31 dBm	A
No. 3:	820.9500 MHz	-13.09 dBm	A
No. 4:	820.9246 MHz	-36.13 dBm	A
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 3 RF Input signals in 806 - 821 MHz
820.95, 820.975, 821 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT # 158

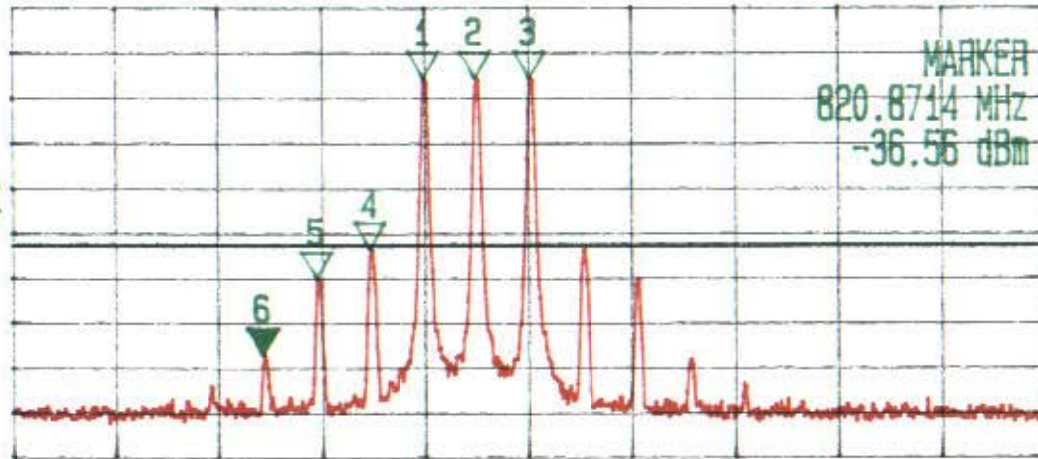
821 MHz 25 kHz CHANNEL SPACING

REF 40.0 dBm
10dB/

ATT 20 dB

A_view B_plank

MKA
820.8714 MHz



RBW 1 kHz
VBW 1 kHz
SWP 1.0 s

CENTER 821.0000 MHz

SPAN 500 kHz

RF IN

- ① - 55.7 dBm
- ② - 55.6 dBm
- ③ - 55.6 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	820.9493 MHz	24.75 dBm	A
No. 2:	820.9743 MHz	24.88 dBm	A
No. 3:	821.0007 MHz	24.81 dBm	A
No. 4:	820.9229 MHz	-13.06 dBm	A
No. 5:	820.8971 MHz	-19.72 dBm	A
No. 6:	820.8714 MHz	-36.56 dBm	A
No. 7:			
No. 8:			
Δ:			

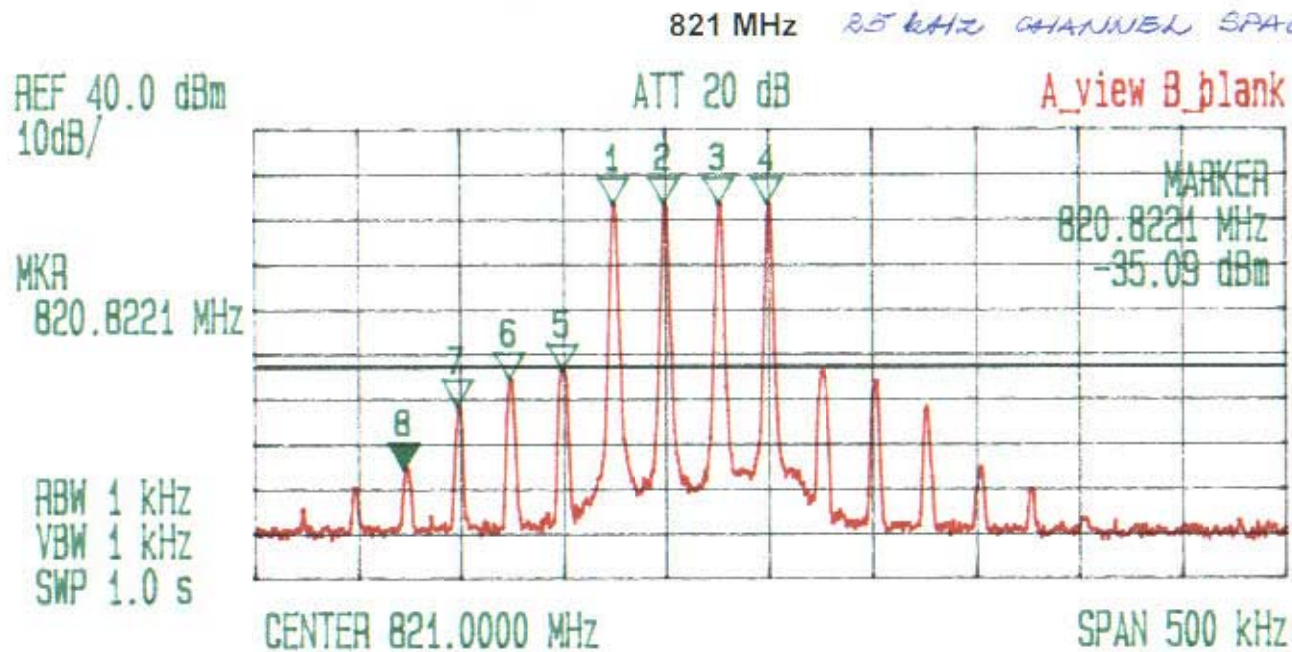


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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 4 RF Input signals in 806 - 821 MHz
820.925, 820.95, 820.975, 821 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #159



*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation (dB)
No. 1:	820.9243	23.81	A
No. 2:	820.9493	23.81	A
No. 3:	820.9757	23.78	A
No. 4:	820.9993	23.78	A
No. 5:	820.8993	-13.09	A
No. 6:	820.8736	-15.25	A
No. 7:	820.8486	-21.09	A
No. 8:	820.8221	-35.09	A
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 821-824 MHz Output with 1 RF Input Signals
RF In / Out Frequency 821 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #160

821 MHz (12.5 kHz CHANNEL SPACING)
RF IN - 43.7 dBm

Wed May 30 14:57:56 2001

REF 50.0 dBm
10dB/

ATT 30 dB

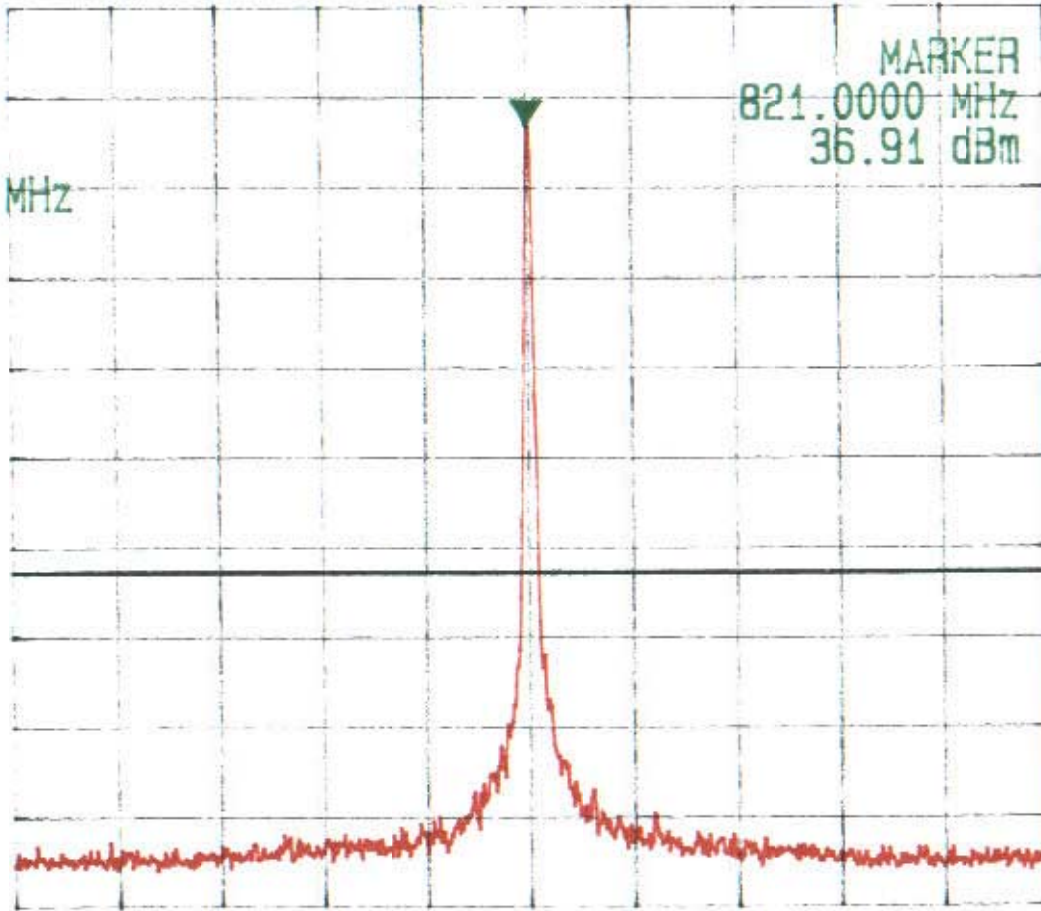
A_view B_plank

MKR
821.0000 MHz

MARKER
821.0000 MHz
36.91 dBm

REF OFS
31.3 dB

RBW
1 kHz
VBW
1 kHz
SWP
1.0 s



CENTER 821.0000 MHz

SPAN 500 kHz



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 2 RF Input signals in 821 - 824 MHz
821, 821.0125 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT#161

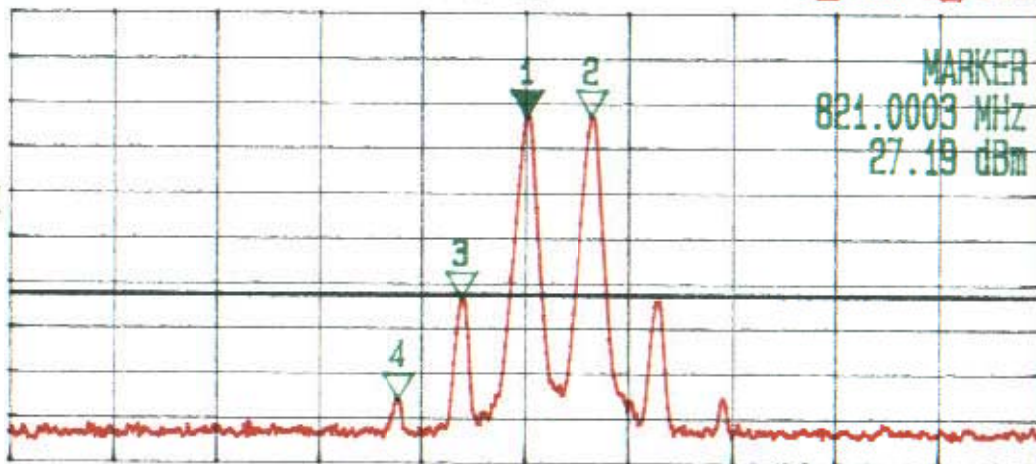
821 MHz (12.5 kHz Channel Spacing)

REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
821.0003 MHz



RBW 1 kHz
VBW 1 kHz
SWP 400 ms

CENTER 821.0000 MHz

SPAN 200.0 kHz

RF IN

① -53.5 dBm

② -53.2 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	821.0003 MHz	27.19 dBm	A
No. 2:	821.0129 MHz	27.19 dBm	A
No. 3:	820.9877 MHz	-13.34 dBm	A
No. 4:	820.9754 MHz	-35.84 dBm	A
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



PLOT #162

821 MHz (12.5 kHz Channel Spacing)

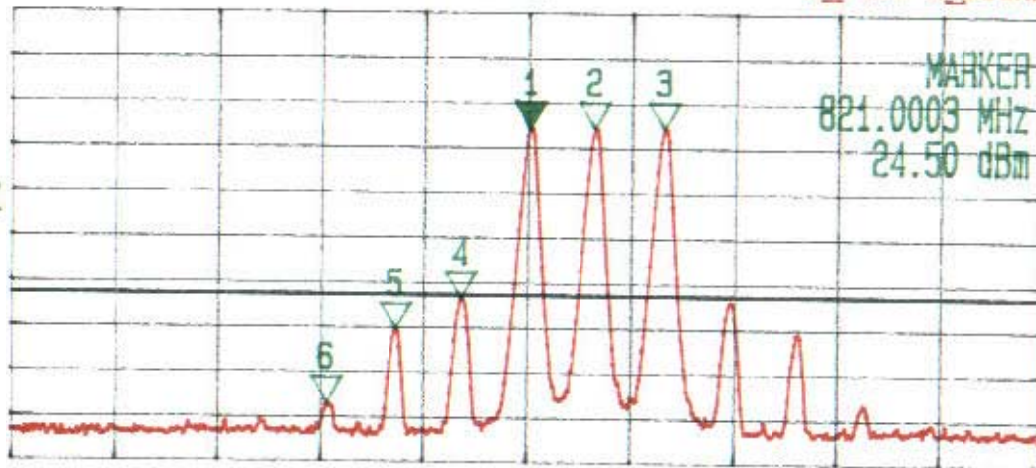
REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
821.0003 MHz

RBW 1 kHz
VBW 1 kHz
SWP 400 ms



CENTER 821.0000 MHz

SPAN 200.0 kHz

RF IN

- ① -55.9 dBm
- ② -55.9 dBm
- ③ -55.7 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No.1:	821.0003 MHz	24.50 dBm	A
No.2:	821.0129 MHz	24.50 dBm	A
No.3:	821.0263 MHz	24.59 dBm	A
No.4:	820.9871 MHz	-13.31 dBm	A
No.5:	820.9746 MHz	-20.22 dBm	A
No.6:	820.9611 MHz	-36.91 dBm	A
No.7:			
No.8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 4 RF Input signals in 821 - 824 MHz
821, 821.0125, 821.025, 821.0375 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #163

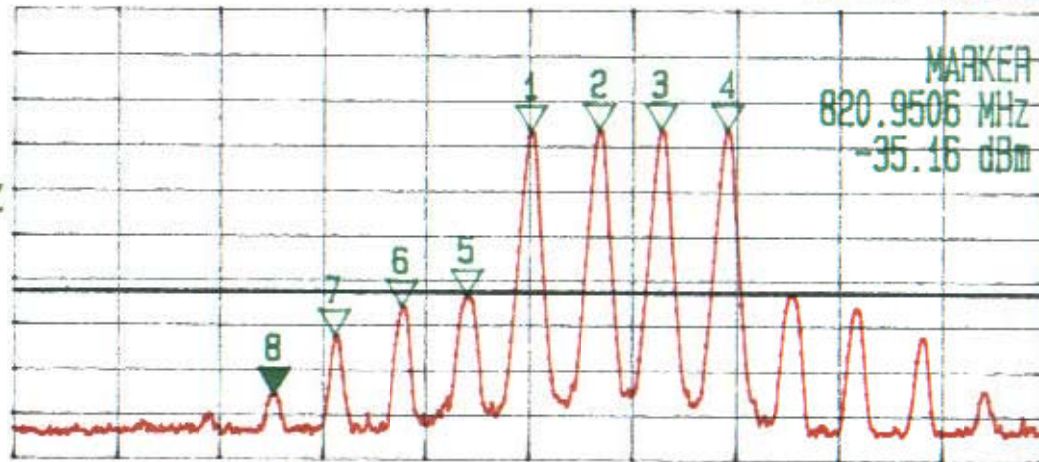
821 MHz (12.5 kHz Channel Spacing)

REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
820.9506 MHz



RBW 1 kHz
VBW 1 kHz
SWP 400 ms

CENTER 821.0000 MHz

SPAN 200.0 kHz

RF IN

- ① -57.2 dBm
- ② -56.8 dBm
- ③ -56.8 dBm
- ④ -56.9 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	821.0003 MHz	23.28 dBm	A
No. 2:	821.0137 MHz	23.63 dBm	A
No. 3:	821.0254 MHz	23.63 dBm	A
No. 4:	821.0383 MHz	23.66 dBm	A
No. 5:	820.9880 MHz	-13.09 dBm	A
No. 6:	820.9754 MHz	-15.97 dBm	A
No. 7:	820.9623 MHz	-22.41 dBm	A
No. 8:	820.9506 MHz	-35.16 dBm	A
Δ:			



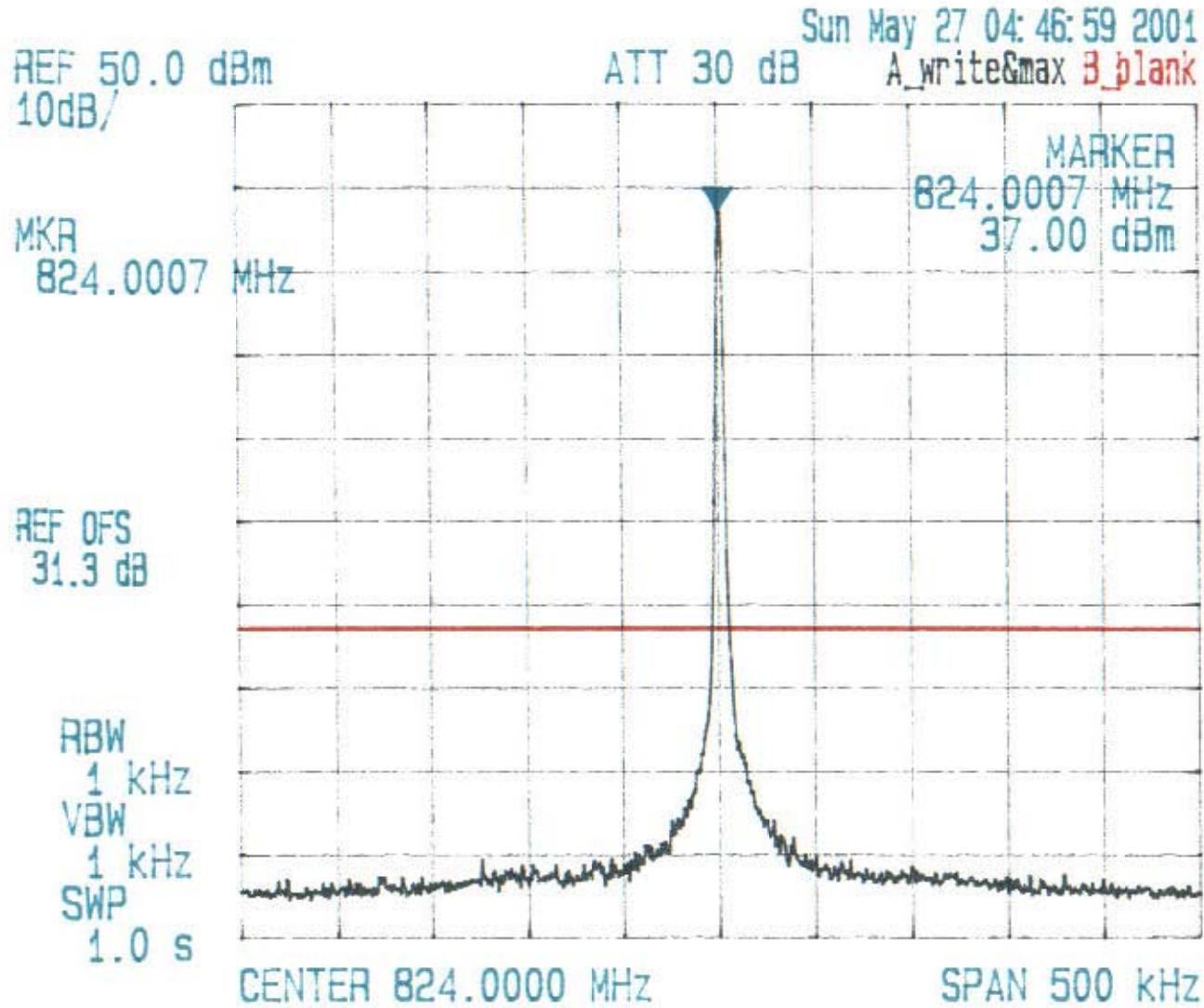
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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 801 - 824 MHz Output with 1 RF Input Signals
RF In / Out Frequency 824 MHz

Date: May 27 2001
Tested by: Hung Trinh

PLOT #164

RF IN - HIR 2 dBm





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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 – 900 MHz AMPLIFIER MODULES
Intermodulation with 2 RF Input signals in 821 - 824 MHz
823.9875, 824 MHz

Date: May 20 2001
Tested by: Hung Trinh

PLOT# 165

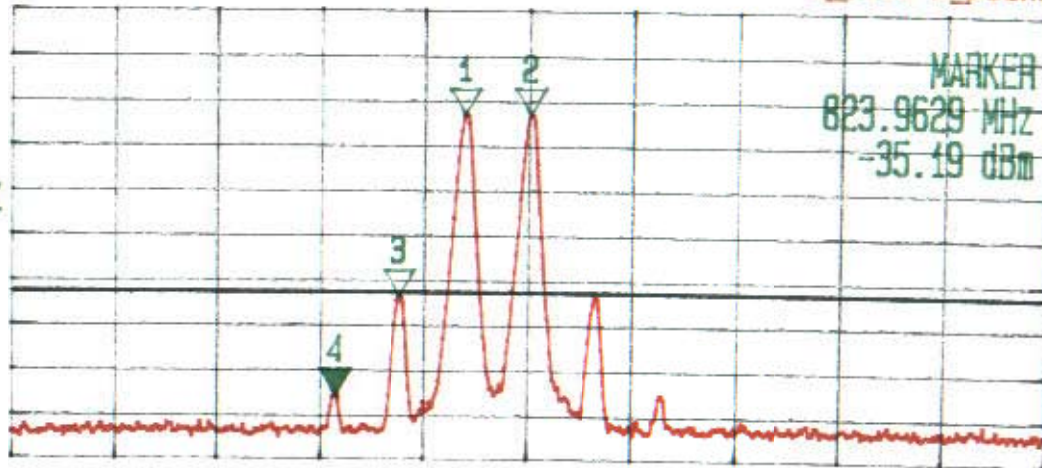
824 MHz (12.5 kHz Channel Spacing)

REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
823.9629 MHz



RBW 1 kHz
VBW 1 kHz
SWP 400 ms

CENTER 824.0000 MHz

SPAN 200.0 kHz

RF IN

- ① -52.2 dBm
- ② -52.3 dBm

*** Multi Marker List ***

No. 1:	823.9877 MHz	27.38 dBm	A
No. 2:	824.0003 MHz	27.31 dBm	A
No. 3:	823.9751 MHz	-13.16 dBm	A
No. 4:	823.9629 MHz	-35.19 dBm	A
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 3 RF Input signals in 821 - 824 MHz
823.975, 823.9875, 824 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #166

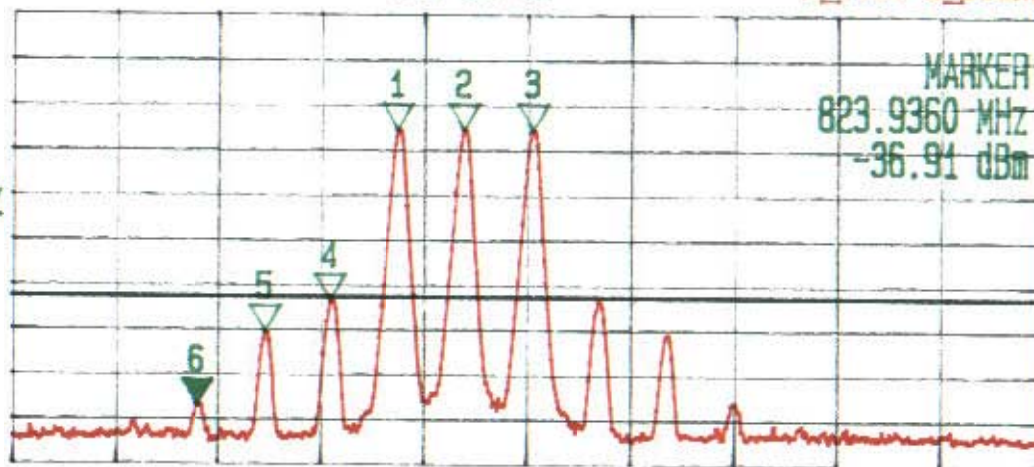
824 MHz (12.5 kHz Channel Spacing)

REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
823.9360 MHz



RBW 1 kHz
VBW 1 kHz
SWP 400 ms

CENTER 824.0000 MHz

SPAN 200.0 kHz

RF IN

- ① -55.1 dBm
- ② -54.8 dBm
- ③ -55.2 dBm

*** Multi Marker List ***

No.1:	823.9749 MHz	24.72 dBm	A
No.2:	823.9877 MHz	24.75 dBm	A
No.3:	824.0011 MHz	24.78 dBm	A
No.4:	823.9617 MHz	-13.28 dBm	A
No.5:	823.9491 MHz	-20.06 dBm	A
No.6:	823.9360 MHz	-36.91 dBm	A
No.7:			
No.8:			
Δ:			

PLOT # 167

824 MHz (12.5 kHz Channel Spacing)

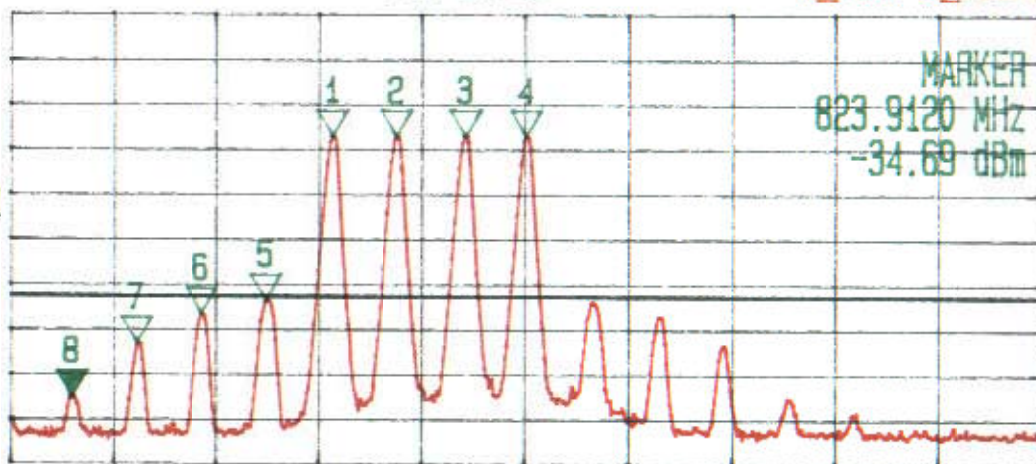
REF 50.0 dBm
10dB/

ATT 30 dB

A_view B_blank

MKR
823.9120 MHz

RBW 1 kHz
VBW 1 kHz
SWP 400 ms



CENTER 824.0000 MHz

SPAN 200.0 kHz

RF IN

- ① - 56.2 dBm
- ② - 56.1 dBm
- ③ - 56.0 dBm
- ④ - 55.9 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	823.9626 MHz	23.28 dBm	A
No. 2:	823.9751 MHz	23.34 dBm	A
No. 3:	823.9886 MHz	23.28 dBm	A
No. 4:	824.0003 MHz	23.31 dBm	A
No. 5:	823.9497 MHz	-13.16 dBm	A
No. 6:	823.9371 MHz	-16.41 dBm	A
No. 7:	823.9246 MHz	-22.78 dBm	A
No. 8:	823.9120 MHz	-34.69 dBm	A
Δ:			



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LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 851 - 866 MHz Output with 1 RF Input Signals
RF In / Out Frequency 851 MHz

Date: May 27 2001
Tested by: Hung Trinh

PLOT #168

RF IN -44.5 dBm

Sun May 27 05:49:10 2001
A_write&max 3_plank

REF 50.0 dBm
10dB/

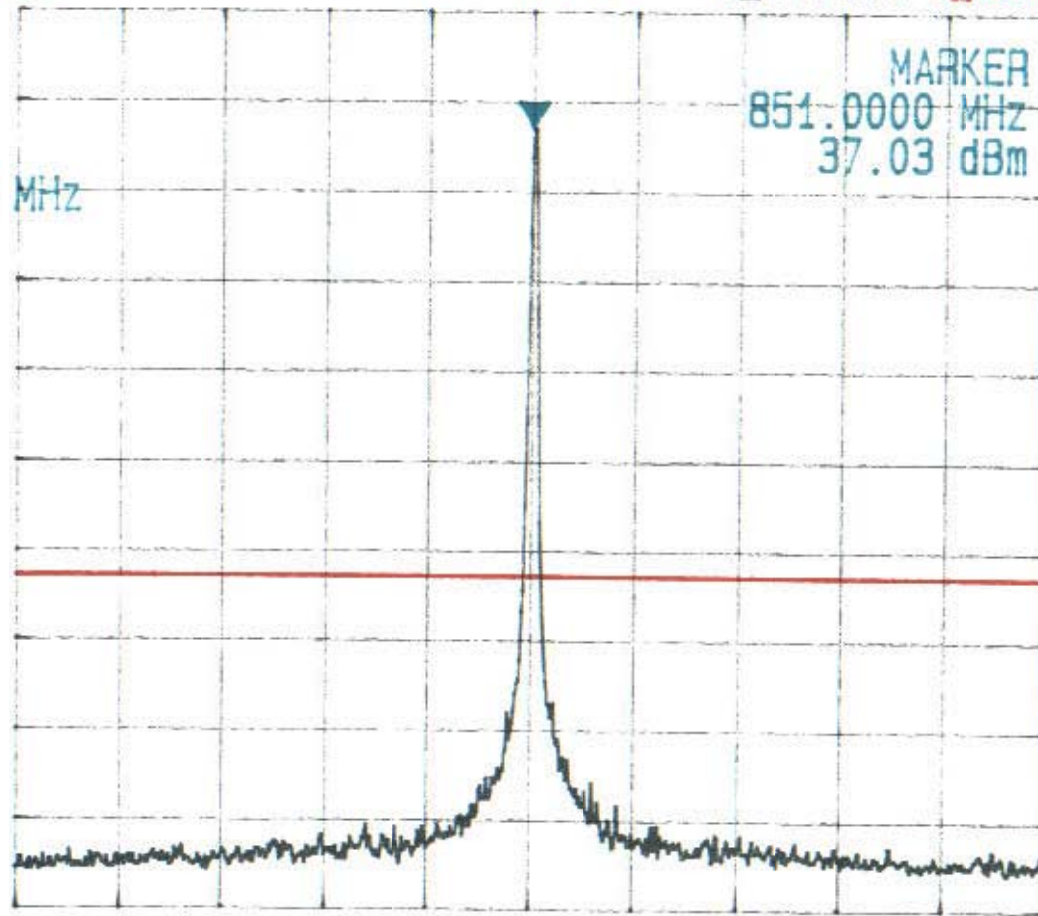
ATT 30 dB

MKR
851.0000 MHz

MARKER
851.0000 MHz
37.03 dBm

REF OFS
31.3 dB

RBW
1 kHz
VBW
1 kHz
SWP
1.0 s



CENTER 851.0000 MHz

SPAN 500 kHz

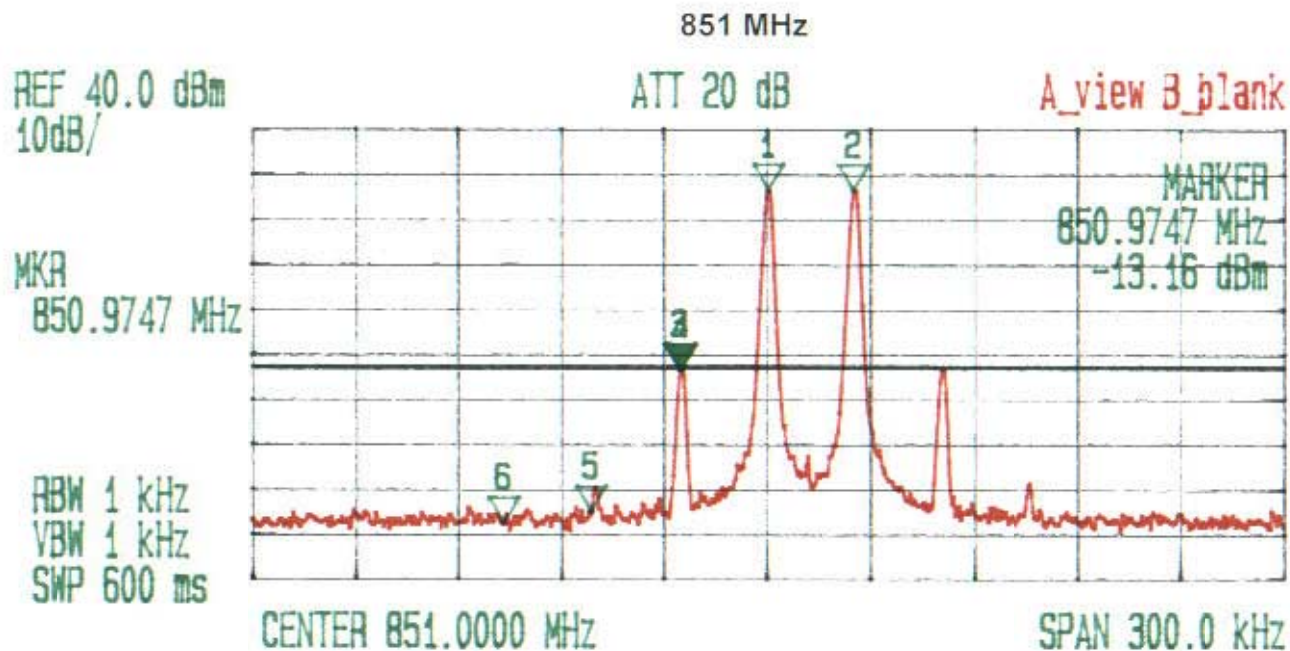


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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 2 RF Input signals in 851 - 866 MHz
851, 851.025 MHz

Date: May 30, 2001
Tested by: Hung Trinh

PLOT #169



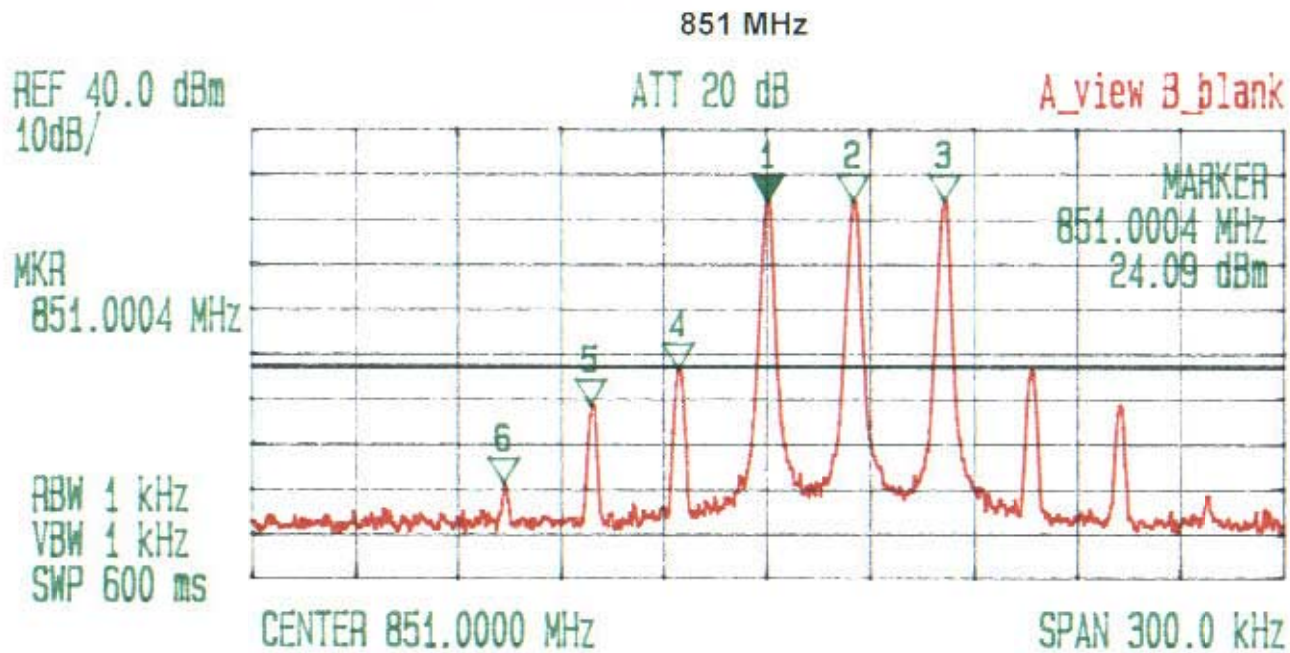
RF IN

- ① -60.8 dBm
- ② -60.9 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Label
No. 1:	851.0004 MHz	26.78 dBm	A
No. 2:	851.0253 MHz	26.84 dBm	A
No. 3:	850.9747 MHz	-13.16 dBm	A
No. 4:	850.9751 MHz	-13.09 dBm	A
No. 5:	850.9486 MHz	-44.59 dBm	A
No. 6:	850.9233 MHz	-47.38 dBm	A
No. 7:			
No. 8:			
Δ:			

PLOT #170



RF IN

- ① -60.97
- ② -60.94
- ③ -60.97

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	851.0004 MHz	24.09 dBm	A
No. 2:	851.0253 MHz	24.06 dBm	A
No. 3:	851.0514 MHz	24.00 dBm	A
No. 4:	850.9743 MHz	-13.25 dBm	A
No. 5:	850.9486 MHz	-21.13 dBm	A
No. 6:	850.9233 MHz	-38.97 dBm	A
No. 7:			
No. 8:			
Δ:			

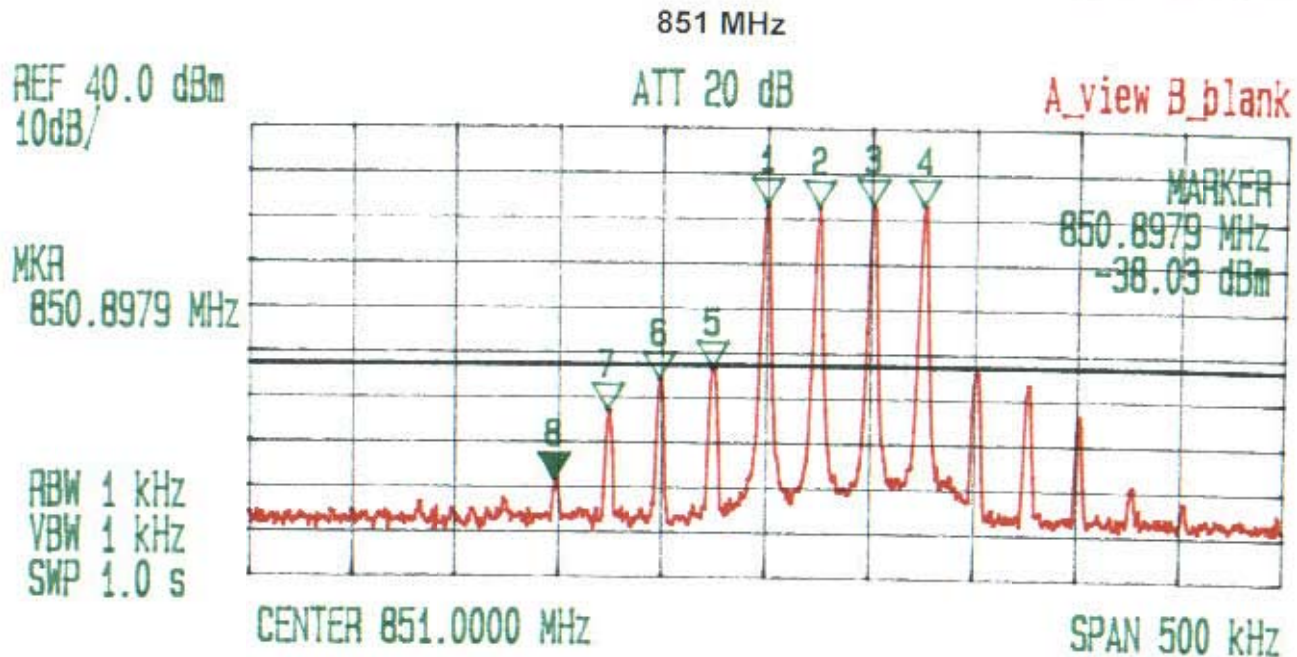


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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 851 - 866 MHz Output with 4 RF Input Signals
RF In / Out Frequency 851, 851.025, 851.05, 851.075 MHz

Date: May 30, 2001
Tested by: Hung Trinh

PLOT # 171



RF IN

- ① -60.4 dBm
- ② -60.2 dBm
- ③ -60.2 dBm
- ④ -60.5 dBm

*** Multi Marker List ***

No. 1:	851.0000 MHz	23.00 dBm	A
No. 2:	851.0250 MHz	22.81 dBm	A
No. 3:	851.0507 MHz	23.00 dBm	A
No. 4:	851.0750 MHz	23.03 dBm	A
No. 5:	850.9743 MHz	-13.09 dBm	A
No. 6:	850.9486 MHz	-16.00 dBm	A
No. 7:	850.9236 MHz	-22.81 dBm	A
No. 8:	850.8979 MHz	-38.03 dBm	A
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Spurious Emission @ 851-866 MHz Output with 1 RF Input Signals
RF In / Out Frequency 858.5 MHz

Date: May 27 2001
Tested by: Hung Trinh

PLOT # 172

RF IN -45.5 dBm

Sun May 27 06:16:00 2001

REF 50.0 dBm
10dB/

ATT 30 dB

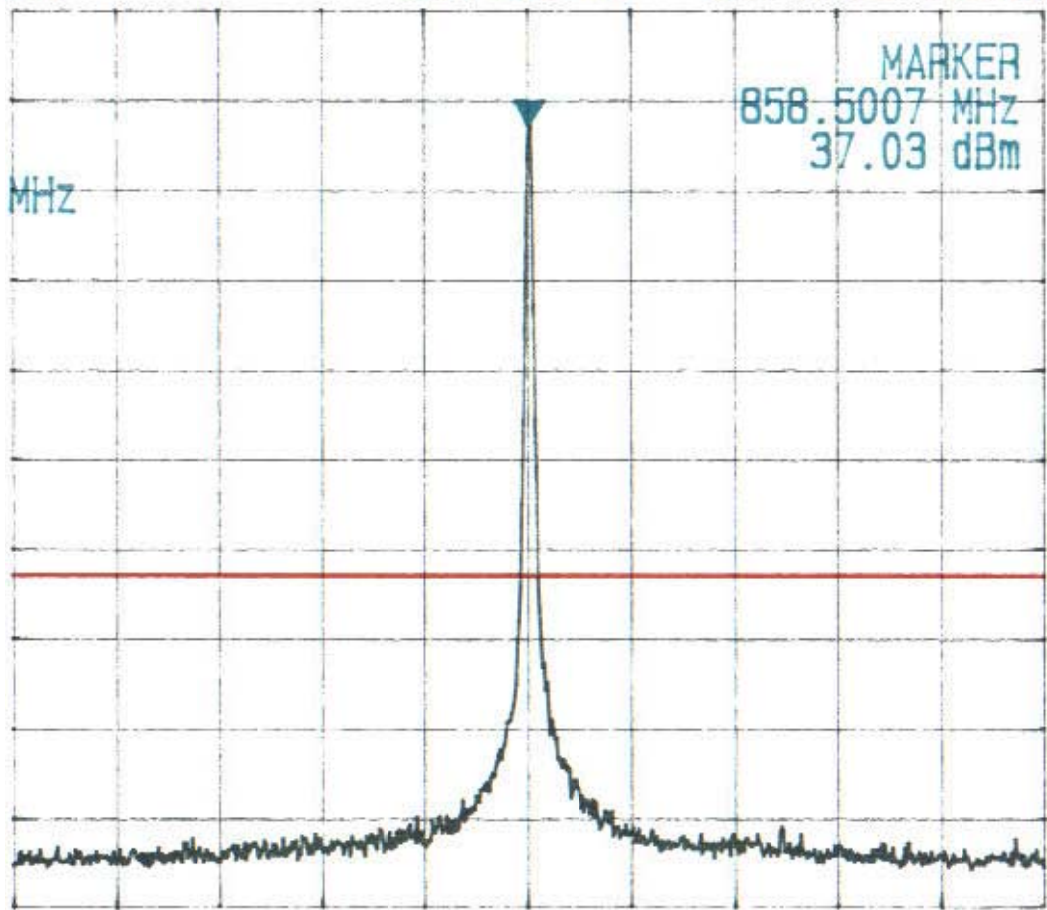
A_write&max B_plank

MKR
858.5007 MHz

MARKER
858.5007 MHz
37.03 dBm

REF DFS
31.3 dB

RBW
1 kHz
VBW
1 kHz
SWP
1.0 s



CENTER 858.5 MHz

SPAN 500 kHz

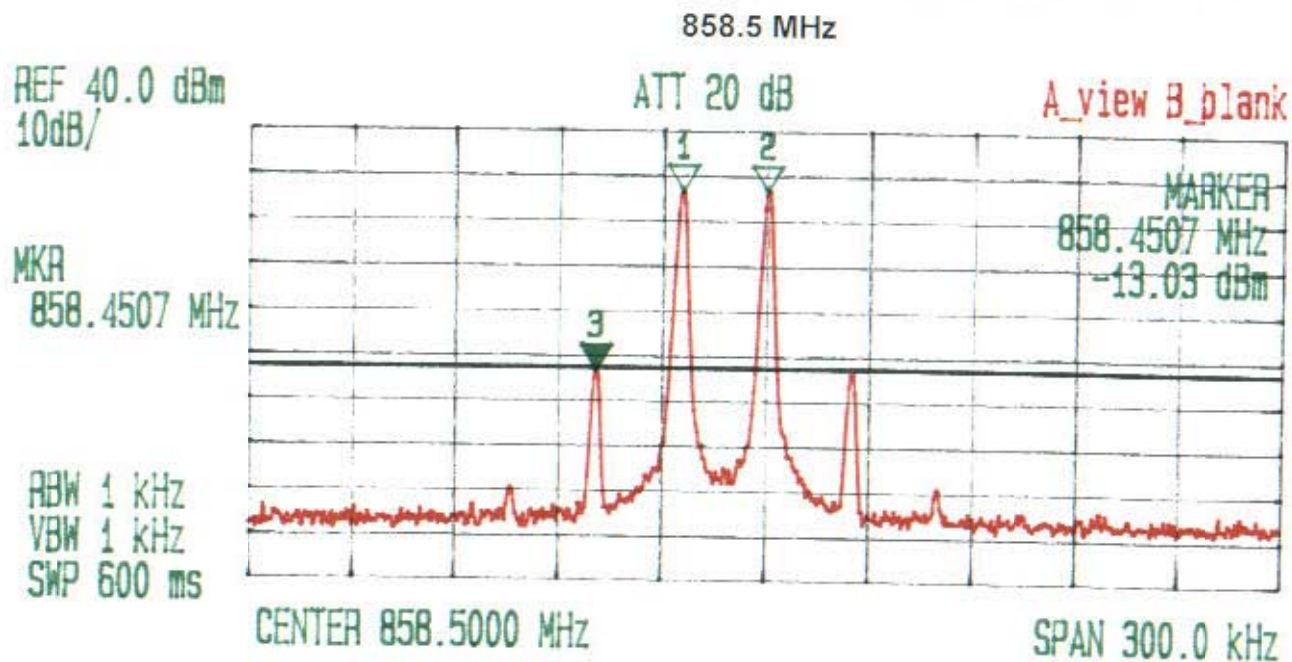


UltraTech
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KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 2 RF Input signals in 851 - 866 MHz
858.475, 858.5 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT # 173



RF IN

- ① -57.1 dBm
- ② -56.8 dBm

*** Multi Marker List ***

No. 1:	858.4756 MHz	26.91 dBm	A
No. 2:	858.5000 MHz	26.97 dBm	A
No. 3:	858.4507 MHz	-13.03 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			

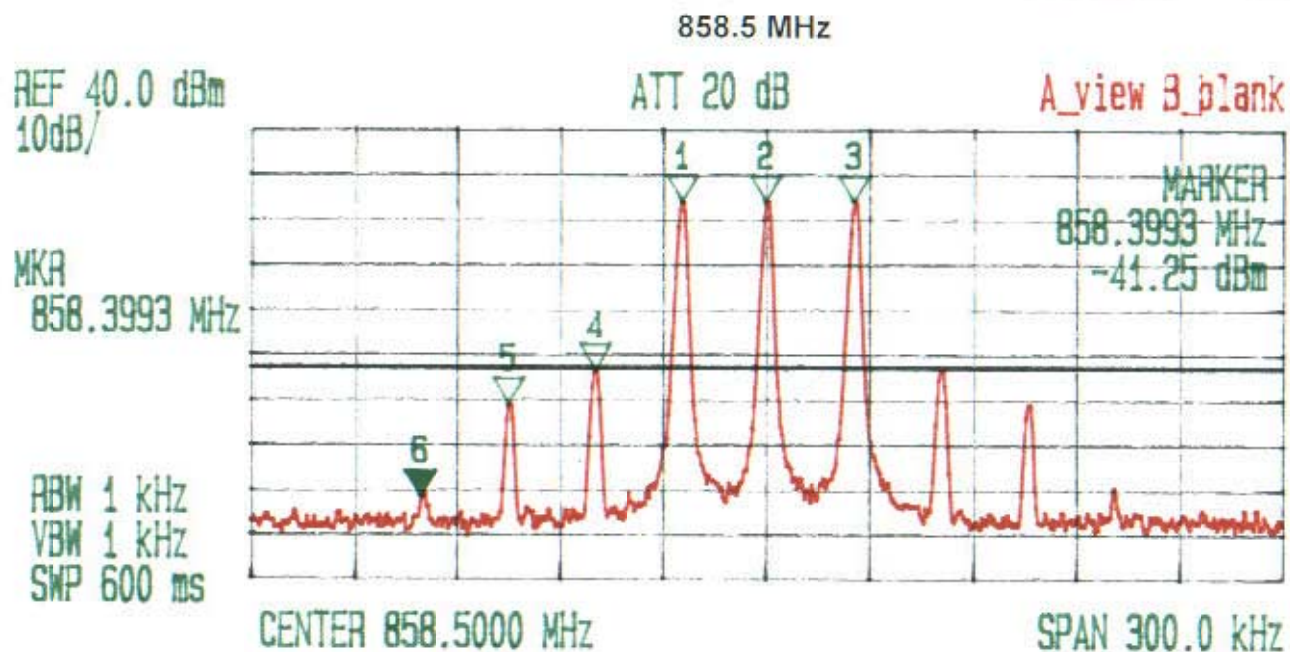


UltraTech
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 3 RF Input signals in 851 - 866 MHz
858.475, 858.5, 858.525 MHz

Date: May 30 2001
Tested by: Hung Trinh

PLOT #174



*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Attenuation
No. 1:	858.4756 MHz	24.22 dBm	A
No. 2:	858.5000 MHz	24.41 dBm	A
No. 3:	858.5257 MHz	24.34 dBm	A
No. 4:	858.4503 MHz	-13.06 dBm	A
No. 5:	858.4250 MHz	-20.63 dBm	A
No. 6:	858.3993 MHz	-41.25 dBm	A
No. 7:			
No. 8:			
Δ:			

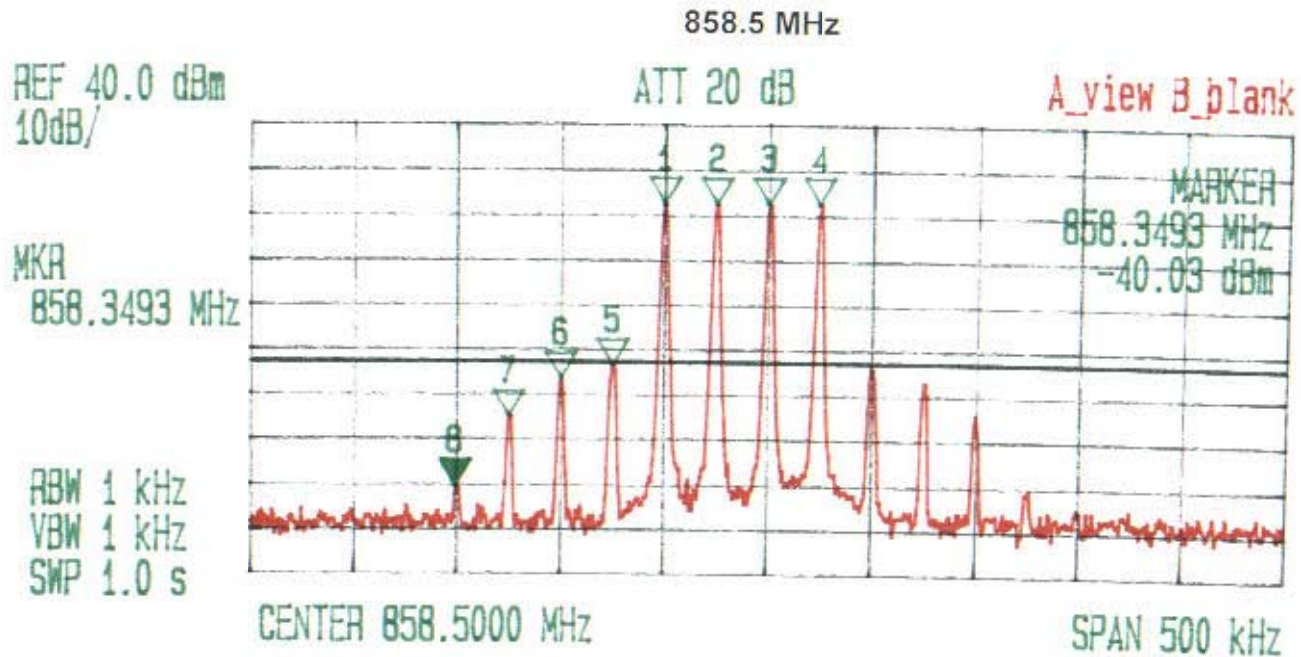


UltraTech
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.
LINKNET LNKA 800 RF 800 - 900 MHz AMPLIFIER MODULES
Intermodulation with 4 RF Input signals in 851 - 866 MHz
858.45, 858.475, 858.5, 858.525 MHz

Date: May 30, 2001
Tested by: Hung Trinh

PLOT # 175



RF IN

- ① -60.9 dBm
- ② -60.9 dBm
- ③ -60.9 dBm
- ④ -60.8 dBm

*** Multi Marker List ***

No.	Freq (MHz)	Power (dBm)	Att (dB)
No. 1:	858.4500	22.66	20
No. 2:	858.4750	22.78	20
No. 3:	858.5000	22.88	20
No. 4:	858.5243	22.88	20
No. 5:	858.4250	-13.03	20
No. 6:	858.4000	-16.22	20
No. 7:	858.3750	-24.63	20
No. 8:	858.3493	-40.03	20
Δ:			