



UltraTech
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF - FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ 851 - 866 MHz Output with 1 RF Input Signal
RF In / Out Frequency 858.5 MHz

Date: May 25 2001
Tested by: Hung Trinh

RF IN - 3 dBm

Fri May 25 06:41:43 2001

REF 40.0 dBm
10dB/

ATT 40 dB

A_write&max B_plank

MKR
860.0 MHz

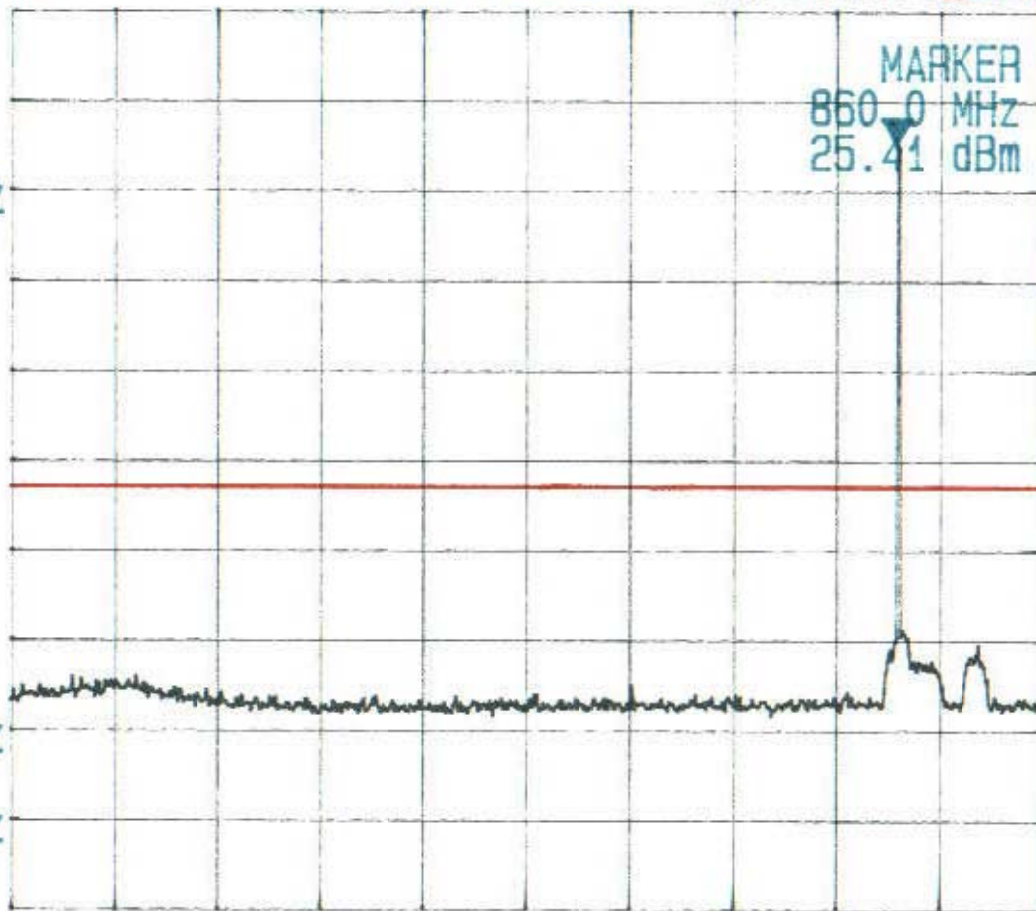
MARKER
860.0 MHz
25.41 dBm

REF DFS
11.3 dB

RBW
100 kHz
VBW
100 kHz
SWP
200 ms

START 10 MHz

STOP 1.0000 GHz



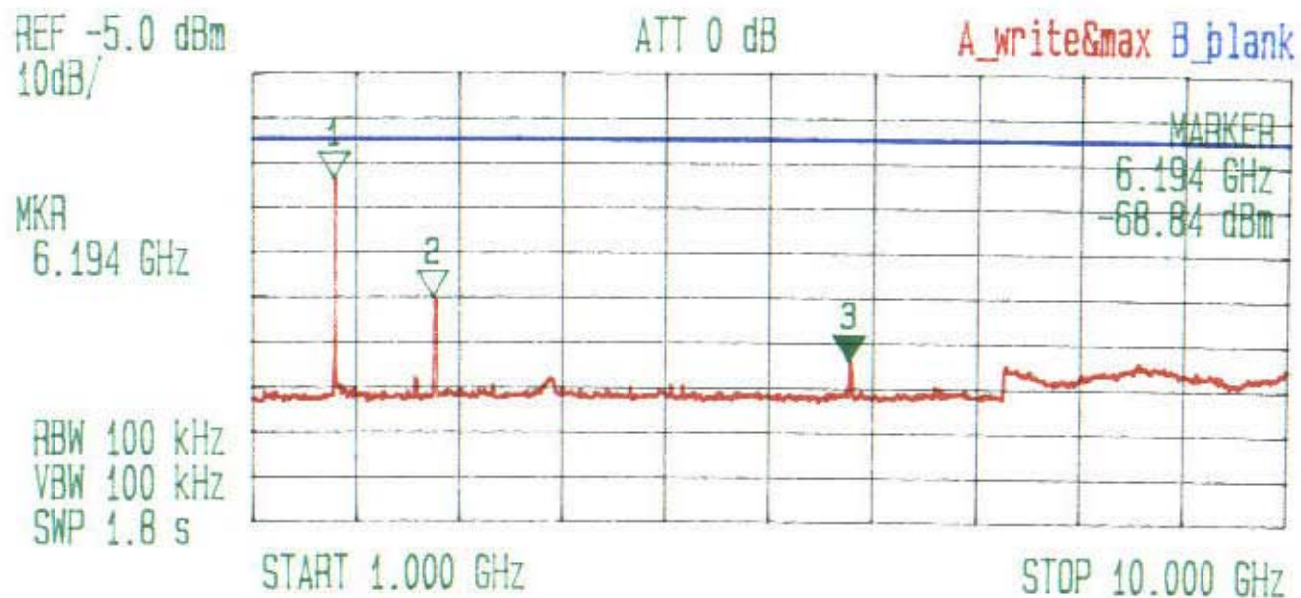


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Spurious Emissions @ 851 - 866 MHz Output with 1 RF Input Signal
RF In / Out Frequency 858.5 MHz

Date: June 11 2001
Tested by: Hung Trinh

112



*** Multi Marker List ***

No.1:	1.707 GHz	-28.41 dBm	A
No.2:	2.569 GHz	-54.59 dBm	A
No.3:	6.194 GHz	-68.84 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF - FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Trunking 851 - 866 MHz Output with 2 RF Input Signals
RF In / Out Frequencies 858.475 & 858.525 MHz

Date: May 15 2001
Tested by: Hung Trinh

113

858.5 MHz

Tue May 15 16:21:27 2001

ATT 30 dB

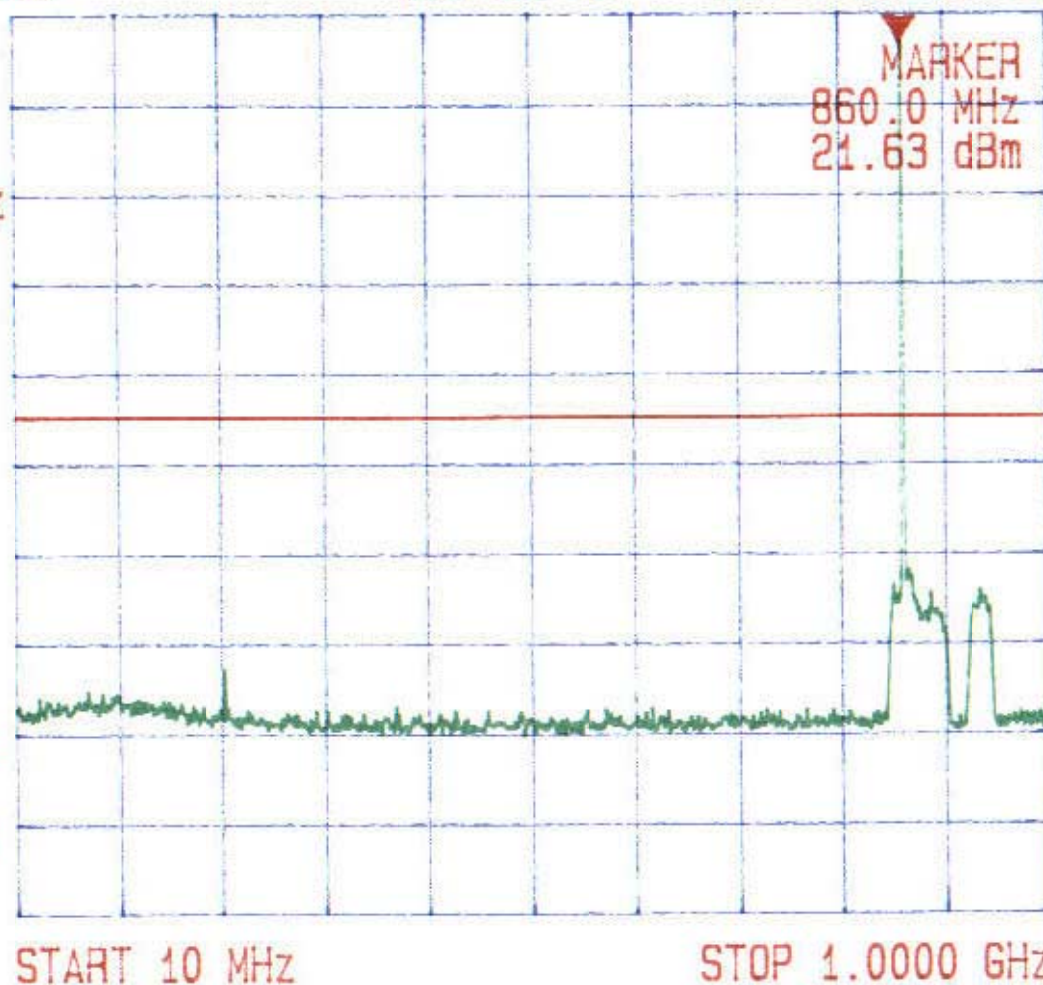
A_write&max B_plank

REF 25.0 dBm
10dB/

MKR
860.0 MHz

REF OFS
11.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
3.0 s



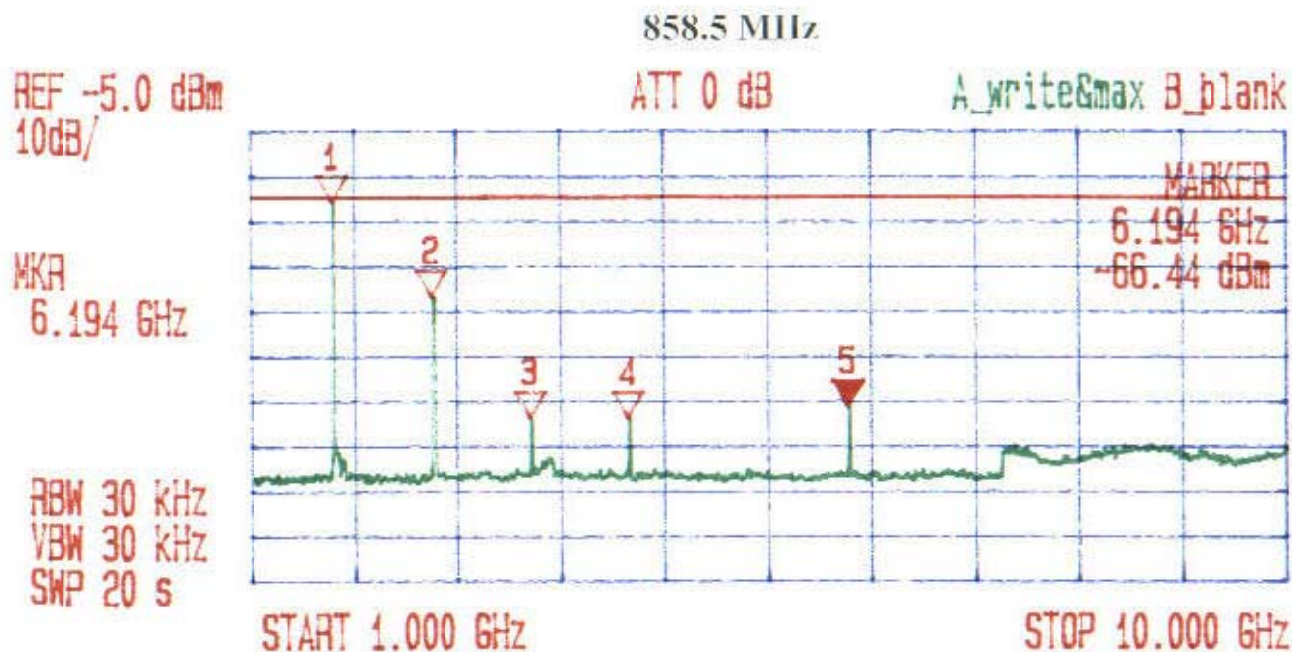


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SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Trunking 851 – 866 MHz Output with 2 RF Input Signals
RF In / Out Frequencies 858.475 & 858.525 MHz

Date: May 15 2001
Tested by: Hung Trinh

114



*** Multi Marker List ***

No.1:	1.707 GHz	-20.72 dBm	A
No.2:	2.569 GHz	-41.81 dBm	A
No.3:	3.430 GHz	-68.78 dBm	A
No.4:	4.279 GHz	-68.88 dBm	A
No.5:	6.194 GHz	-66.44 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Trunking 851 – 866 MHz Output with 3 RF Input Signals
RF In / Out Frequencies 858.45, 858.50 & 858.55 MHz

Date: May 14 2001
Tested by: Hung Trinh

115

858.5 MHz

Mon May 14 09:03:40 2001

REF 25.0 dBm
10dB/

ATT 30 dB

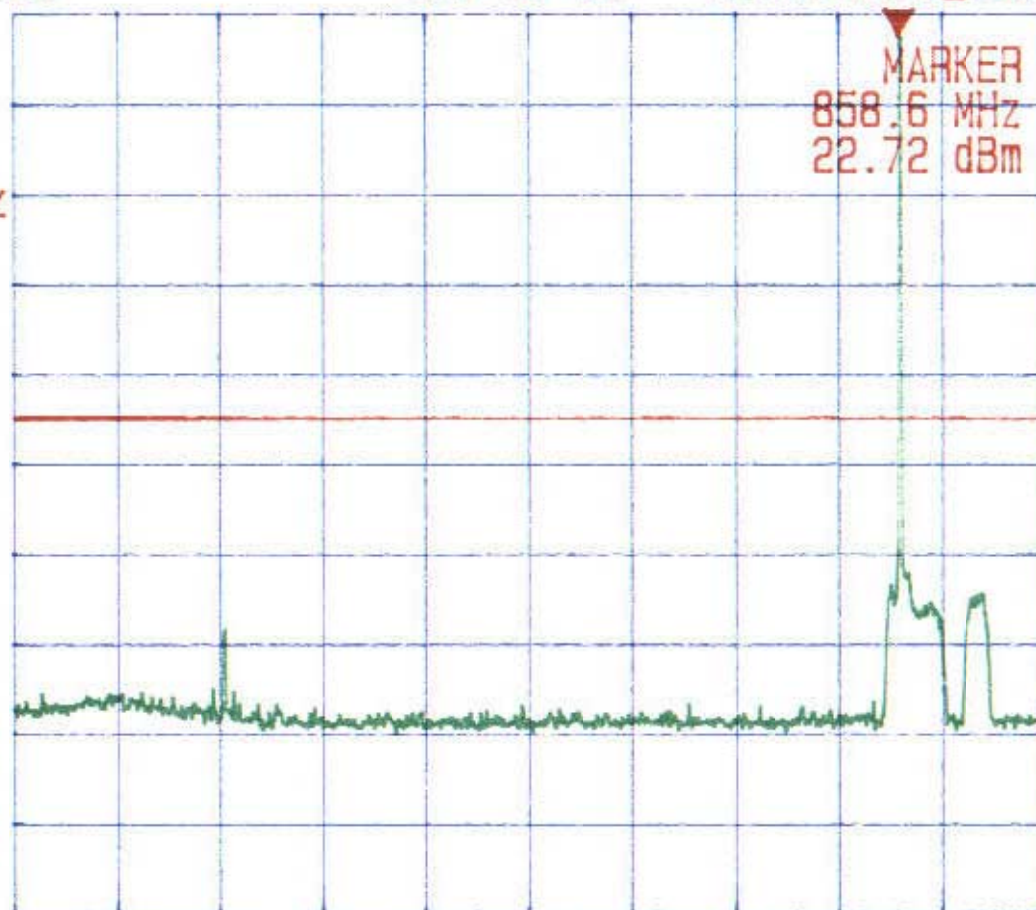
A_write&max B_plank

MKR
858.6 MHz

MARKER
858.6 MHz
22.72 dBm

REF OFS
11.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
3.0 s



START 10.0 MHz

STOP 1.0000 GHz



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KAVAL WIRELESS TECHNOLOGIES INC.

SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01

Spurious Emissions @ Trunking 851 – 866 MHz Output with 3 RF Input Signals

RF In / Out Frequencies 848.45, 858.50 & 858.55 MHz

Date: May 14 2001
Tested by: Hung Trinh

116

858.5 MHz

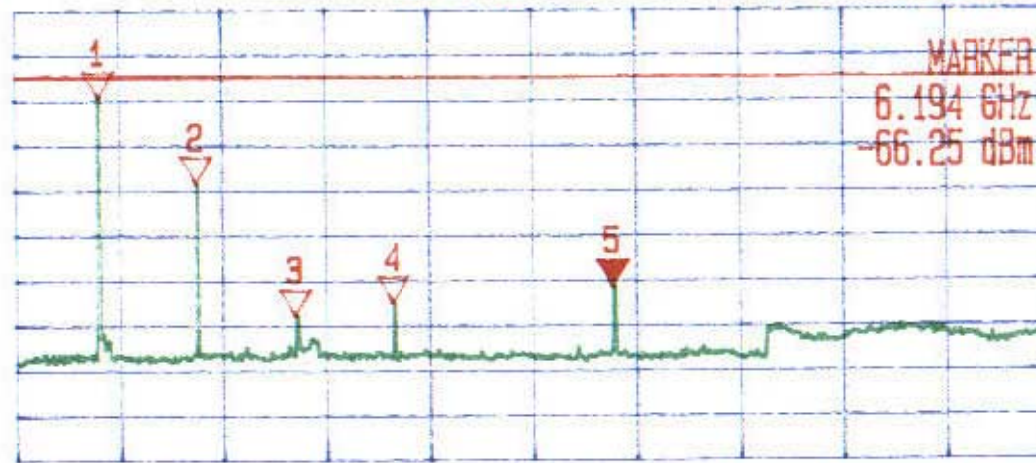
REF -5.0 dBm
10dB/

ATT 0 dB

A_write&max B_plank

MKR
6.194 GHz

RBW 30 kHz
VBW 30 kHz
SWP 20 s



START 1.000 GHz

STOP 10.000 GHz

*** Multi Marker List ***

No.1:	1.720 GHz	-24.38 dBm	A
No.2:	2.569 GHz	-43.13 dBm	A
No.3:	3.430 GHz	-72.63 dBm	A
No.4:	4.279 GHz	-69.53 dBm	A
No.5:	6.194 GHz	-66.25 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Trunking 851 – 866 MHz Output with 4 RF Input Signals
RF In / Out Frequencies 858.4, 858.45, 858.50 & 858.55 MHz

Date: May 14, 2001
Tested by: Hung Trinh

117

858.5 MHz

Mon May 14 08:05:36 2001

ATT 30 dB

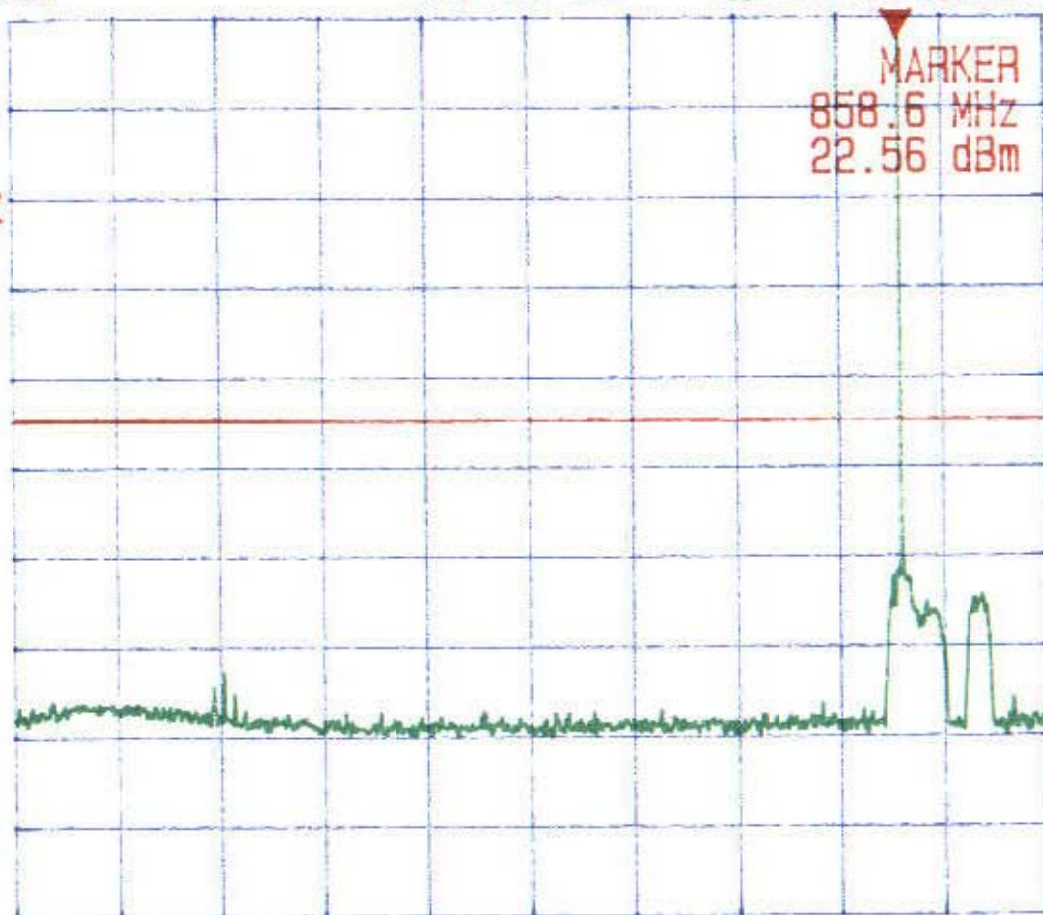
A_write&max B_blank

REF 25.0 dBm
10dB/

MKR
858.6 MHz

REF DFS
11.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
3.0 s



START 10 MHz

STOP 1.0000 GHz

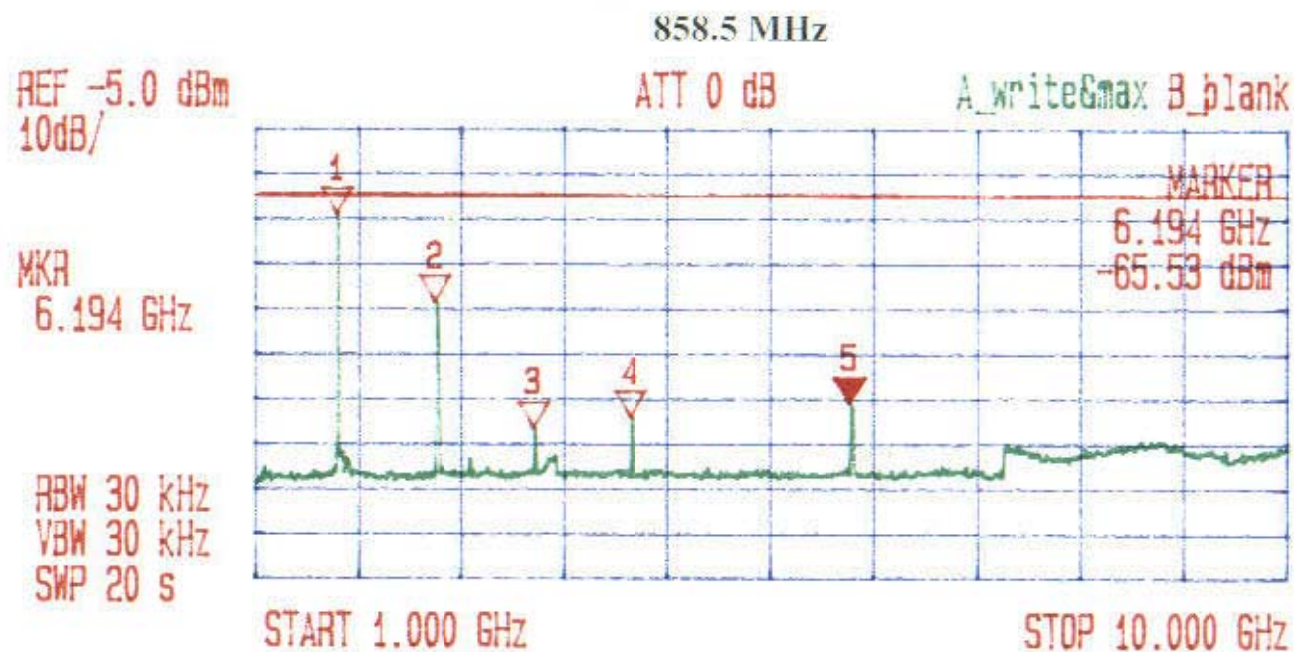


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Spurious Emissions @ Trunking 851 - 866 MHz Output with 4 RF Input Signals
RF In / Out Frequencies 858.4, 858.45, 858.50 & 858.55 MHz

Date: May 14, 2001
Tested by: Hung Trinh

118



*** Multi Marker List ***

No.1:	1.707 GHz	-23.69 dBm	A
No.2:	2.569 GHz	-43.16 dBm	A
No.3:	3.430 GHz	-71.22 dBm	A
No.4:	4.279 GHz	-68.91 dBm	A
No.5:	6.194 GHz	-65.53 dBm	A
No.6:			
No.7:			
No.8:			
Δ:			



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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF - FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ 851-866 MHz Output with 1 RF Input Signal
RF In / Out Frequency 866 MHz

RF IN - 3 dBm

Date: May 25 2001
Tested by: Hung Trinh

119

Fri May 25 06:44:42 2001

REF 40.0 dBm
10dB/

ATT 40 dB

A_write&max B_plank

MKR
868.5 MHz

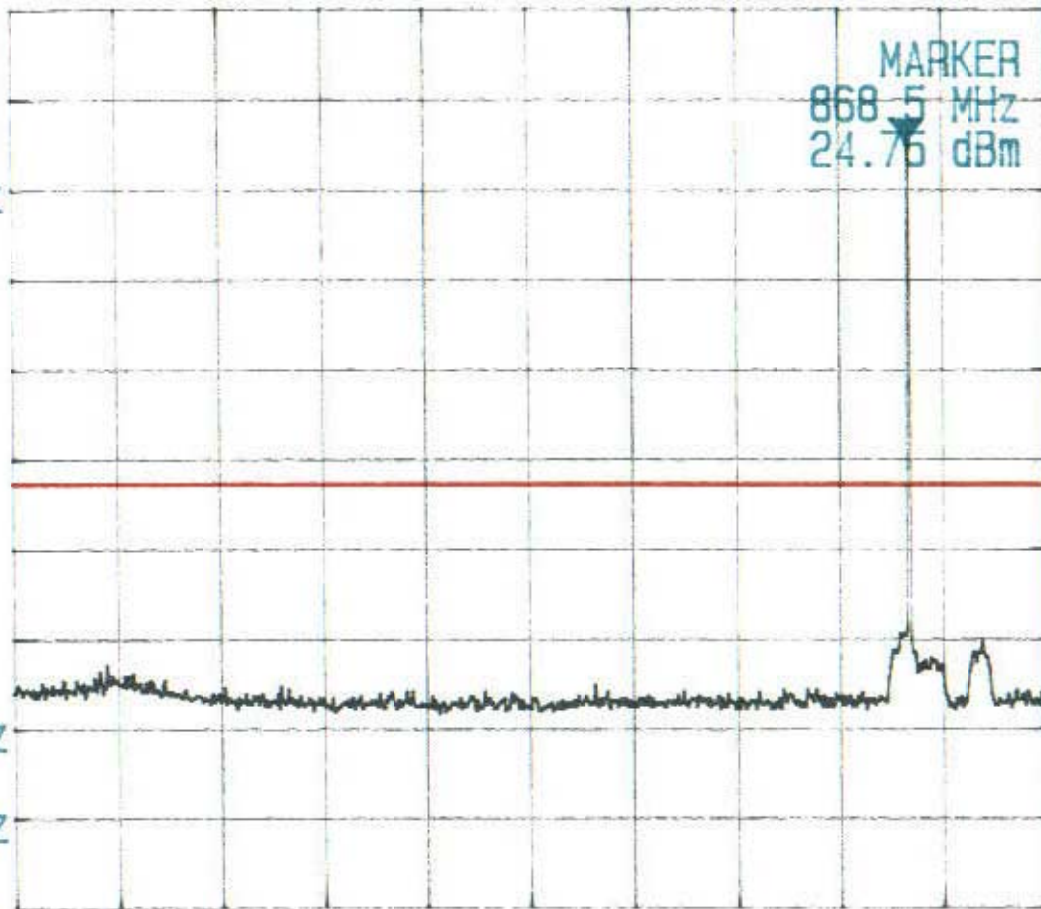
MARKER
868.5 MHz
24.75 dBm

REF OFS
11.3 dB

RBW
100 kHz
VBW
100 kHz
SWP
200 ms

START 10 MHz

STOP 1.0000 GHz



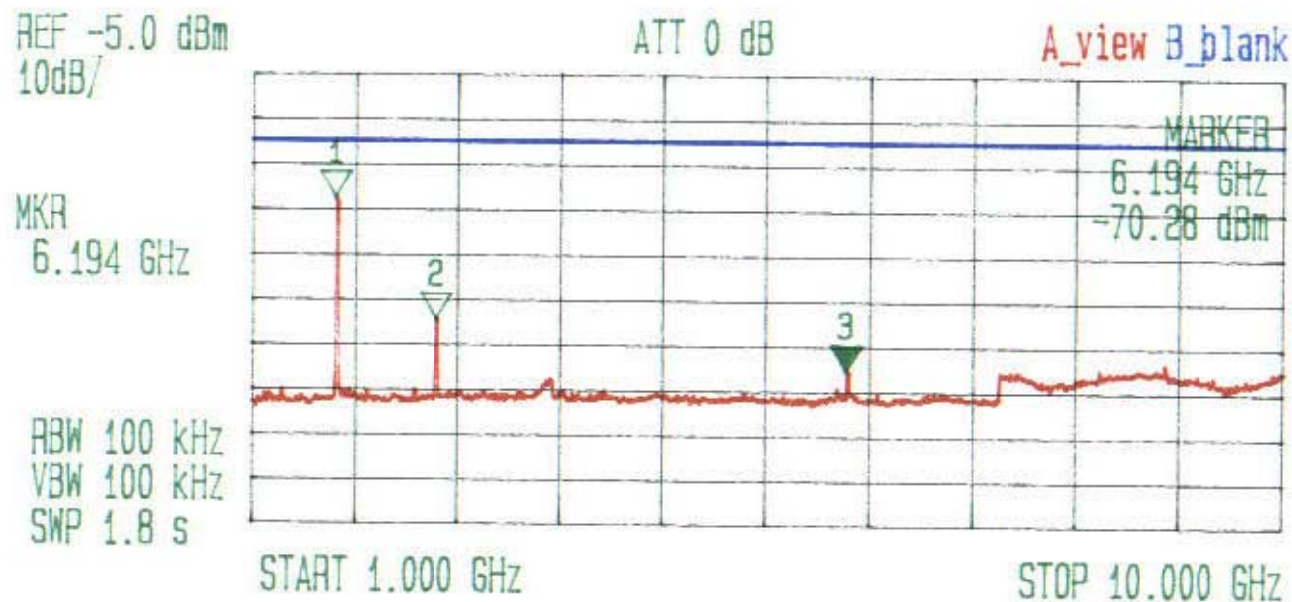


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RF In / Out Frequency 866 MHz

Date: June 11 2001
Tested by: Hung Trinh

120



*** Multi Marker List ***

No.1:	1.720 GHz	-32.44 dBm	A
No.2:	2.607 GHz	-59.06 dBm	A
No.3:	6.194 GHz	-70.28 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			