



UltraTech
Engineering Labs Inc.

KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emission @ Paging 928 – 941 MHz Output with 2 RF Input Signals
RF In/ Out Frequencies 934.45 & 934.5 MHz

Date: May 17 2001
Tested by: Hung Trinh

91

934.5 MHz

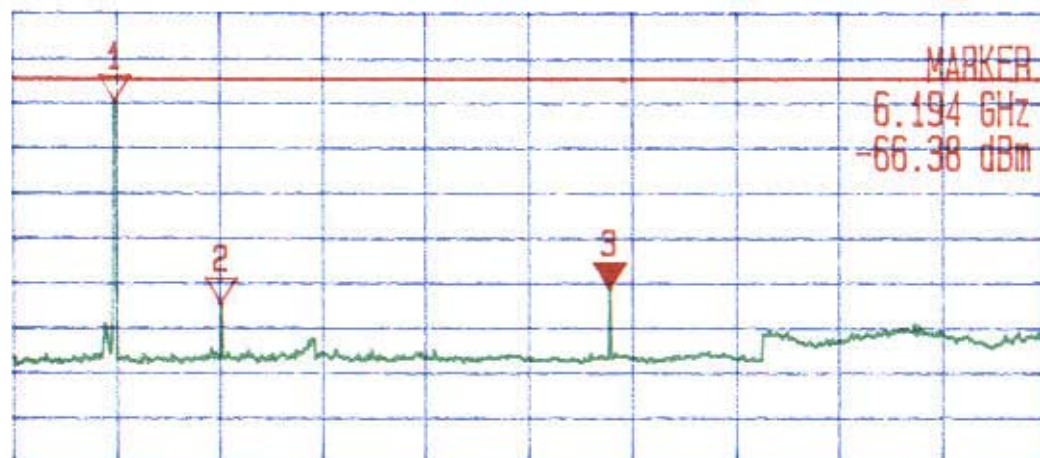
REF -5.0 dBm
10dB/

ATT 0 dB

A_write&max B_blank

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:	1.874 GHz	-24.91 dBm	A
No.2:	2.800 GHz	-69.72 dBm	A
No.3:	6.194 GHz	-66.38 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Paging 928 – 941 MHz Output with 3 RF Input Signals
RF In / Out Frequencies 934.45, 934.50 & 934.55 MHz

Date: May 17 2001
Tested by: Hung Trinh

92

934.5 MHz

Thu May 17 15:40:15 2001

REF 25.0 dBm
10dB/

ATT 30 dB

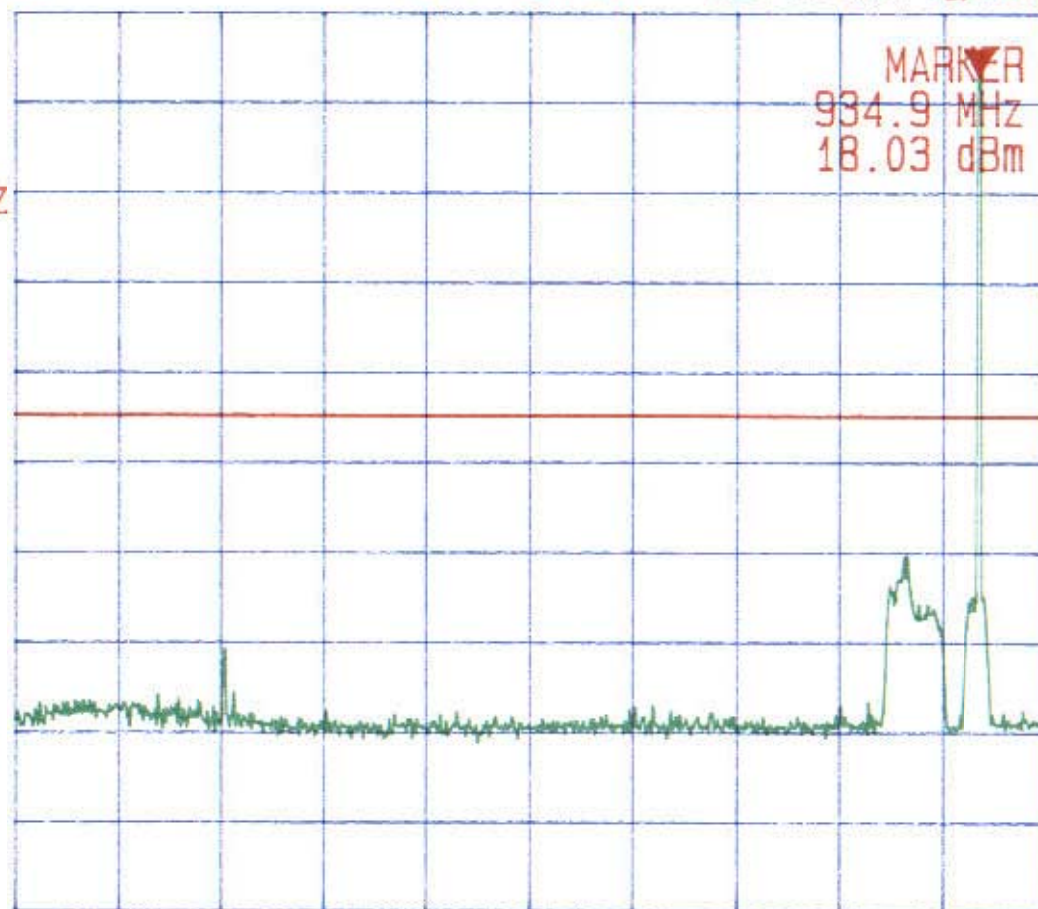
A_write&max B_plank

MKR
934.9 MHz

MARKER
934.9 MHz
18.03 dBm

REF OFS
11.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
3.0 s



START 10 MHz

STOP 1.0000 GHz

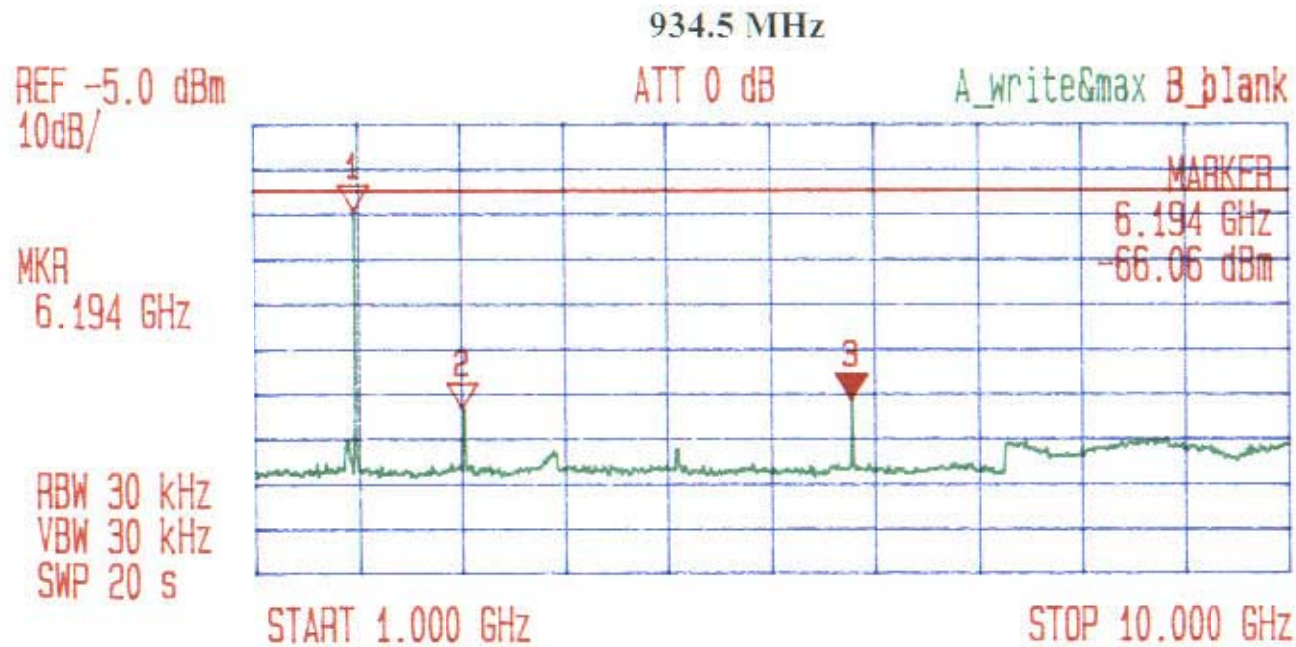


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Spurious Emissions @ Paging 928 – 941 MHz Output with 3 RF Input Signals
RF In / Out Frequencies 934.45, 934.50 & 934.55 MHz

Date: May 17 2001
Tested by: Hung Trinh

93



*** Multi Marker List ***

No. 1:	1.861 GHz	-24.25 dBm	A
No. 2:	2.800 GHz	-68.50 dBm	A
No. 3:	6.194 GHz	-66.06 dBm	A
No. 4:			
No. 5:			
No. 6:			
No. 7:			
No. 8:			
Δ:			



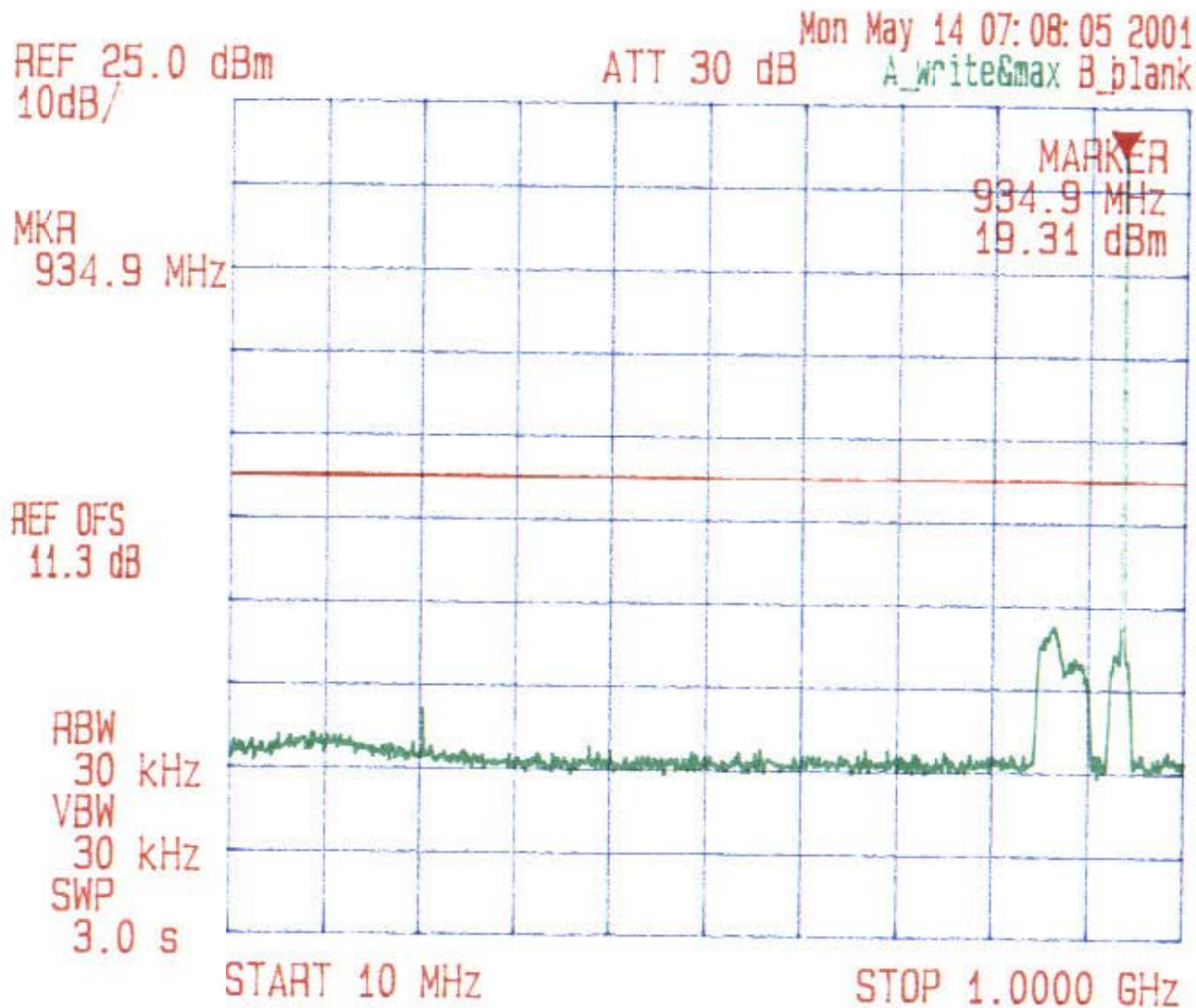
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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Paging 928 – 941 MHz Output with 4 RF Input Signals
RF In / Out Frequencies 934.40, 934.45, 934.50 & 934.55 MHz

Date: May 14 2001
Tested by: Hung Trinh

94

934.5 MHz



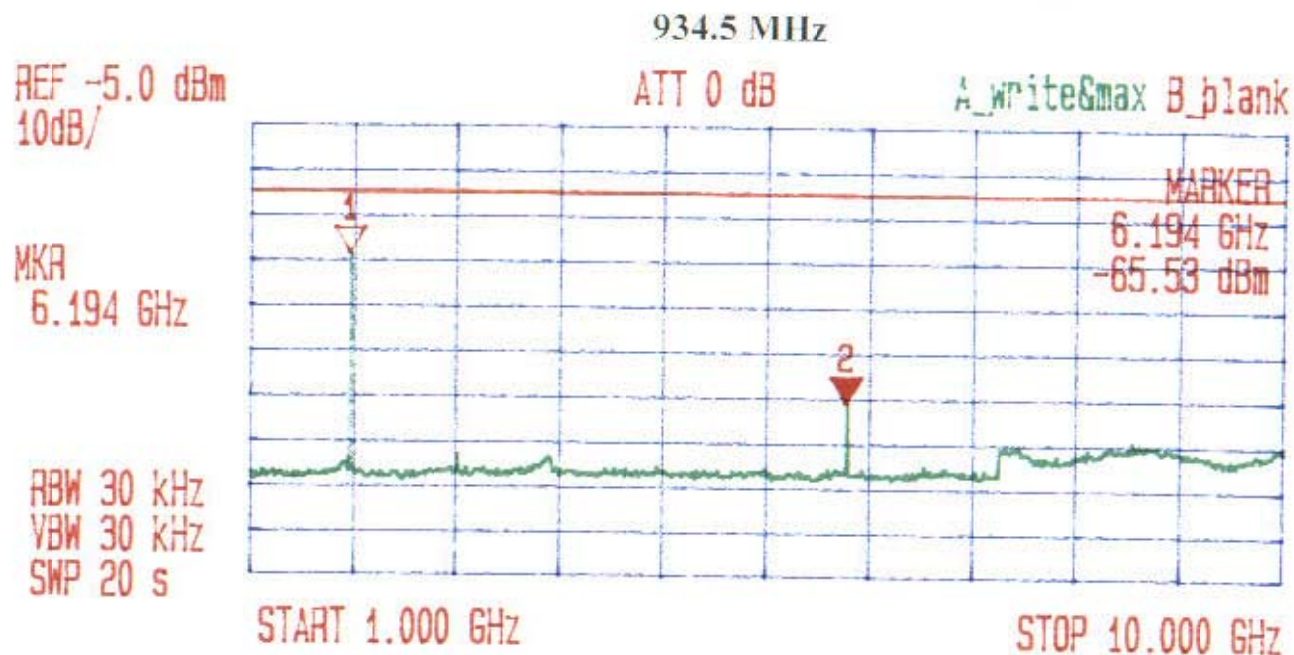


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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Paging 928 – 941 MHz Output with 4 RF Input Signals
RF In / Out Frequencies 934.40, 934.45, 934.50 & 934.55 MHz

Date: May 14 2001
Tested by: Hung Trinh

95



*** Multi Marker List ***

No.1:	1.861 GHz	-33.06 dBm	A
No.2:	6.194 GHz	-65.53 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
A:			



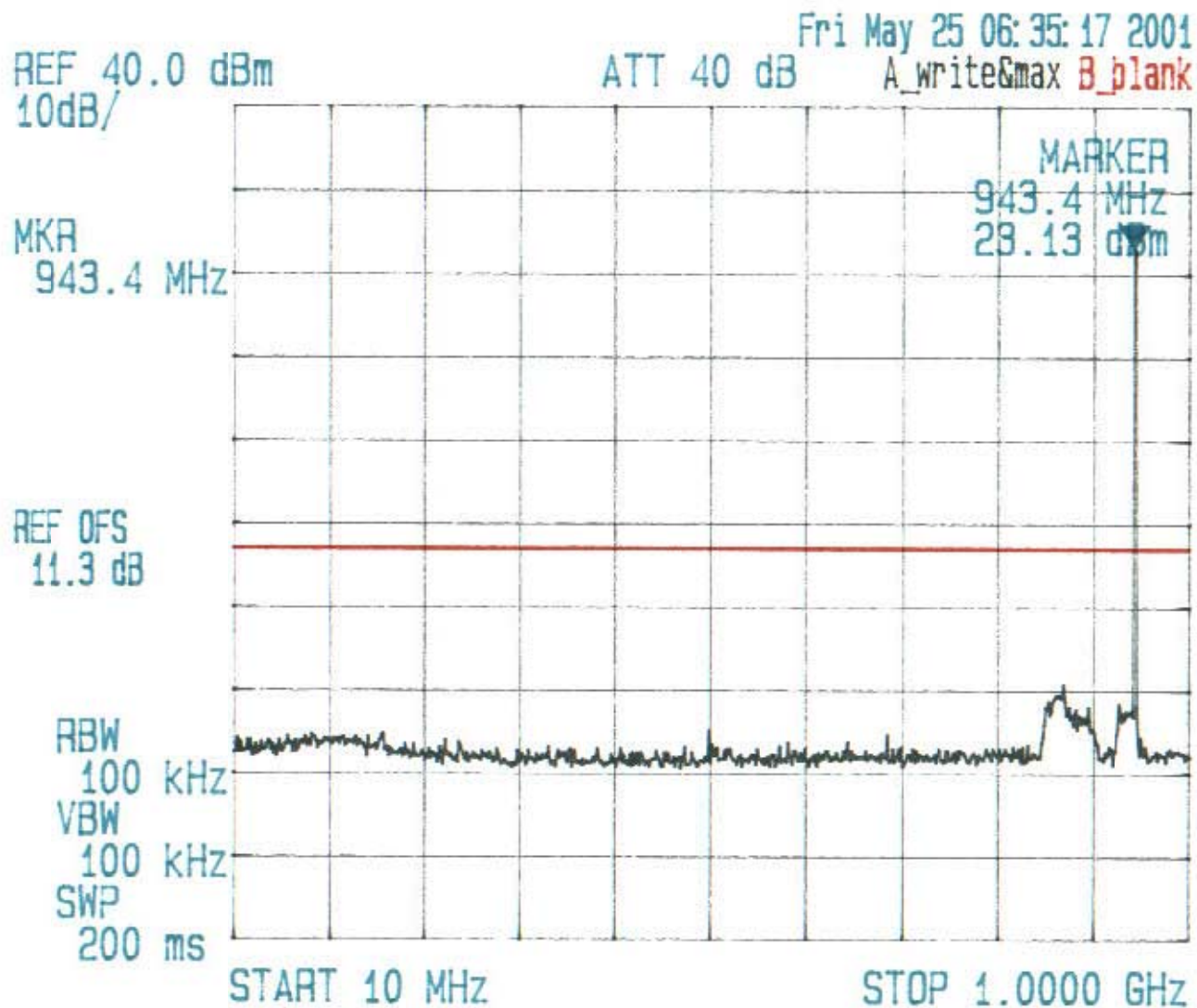
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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF - FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ 928-941 MHz Output with 1 RF Input Signal
RF In / Out Frequency 941 MHz

Date: May 25 2001
Tested by: Hung Trinh

96

RF IN - 20dBm



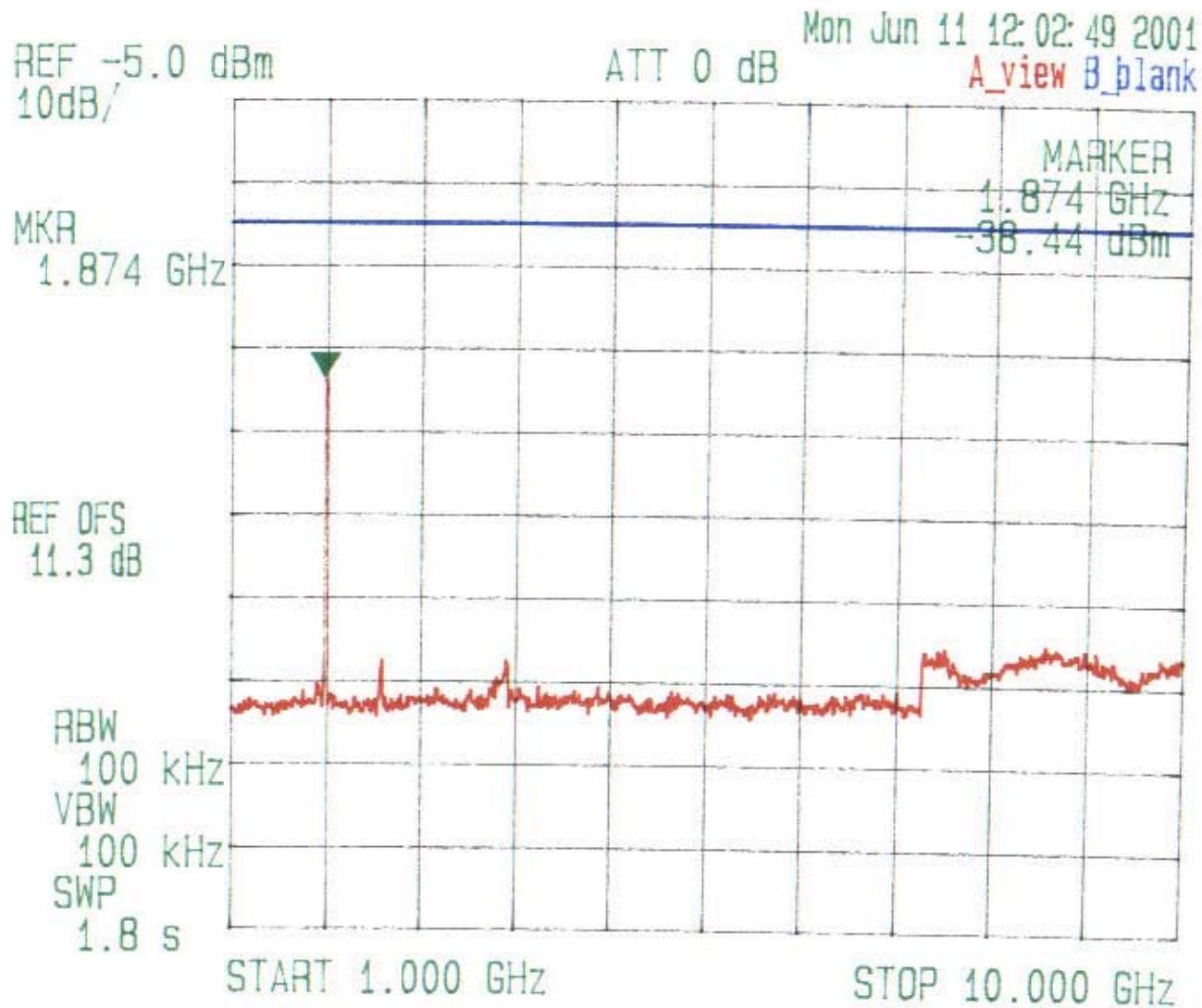


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SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ 928-941 MHz Output with 1 RF Input Signal
RF In / Out Frequency 941 MHz

Date: June 11 2001
Tested by: Hung Trinh

97





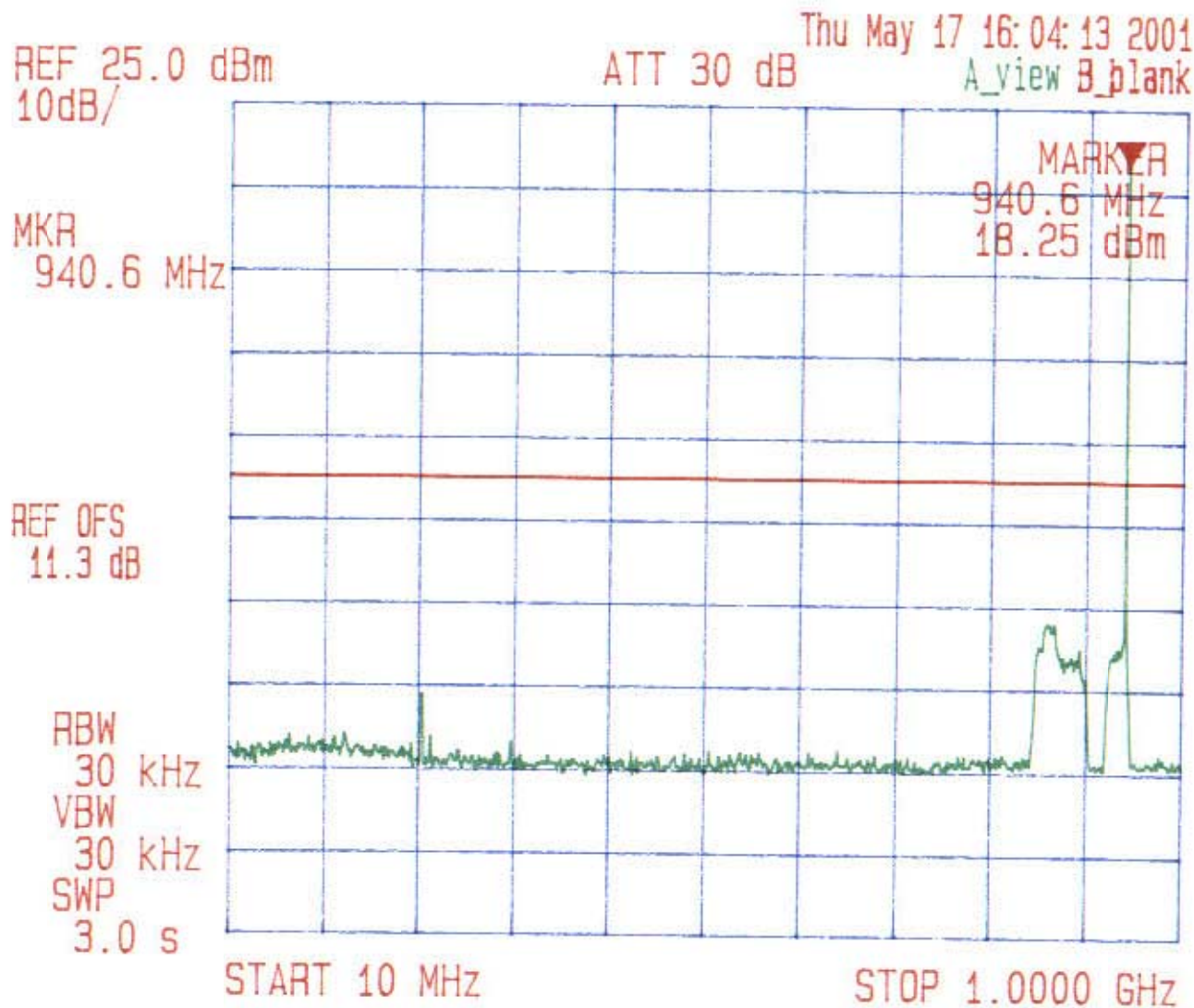
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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emission @ Paging 928 – 941 MHz Output with 2 RF Input Signals
RF In/ Out Frequencie 940.95 & 941 MHz

Date: May 17 2001
Tested by: Hung Trinh

98

941 MHz





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KAVAL WIRELESS TECHNOLOGIES INC.
SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emission @ Paging 928 – 941 MHz Output with 2 RF Input Signals
RF In/ Out Frequency 940.95 & 941 MHz

Date: May 17 2001
Tested by: Hung Trinh

99

941 MHz

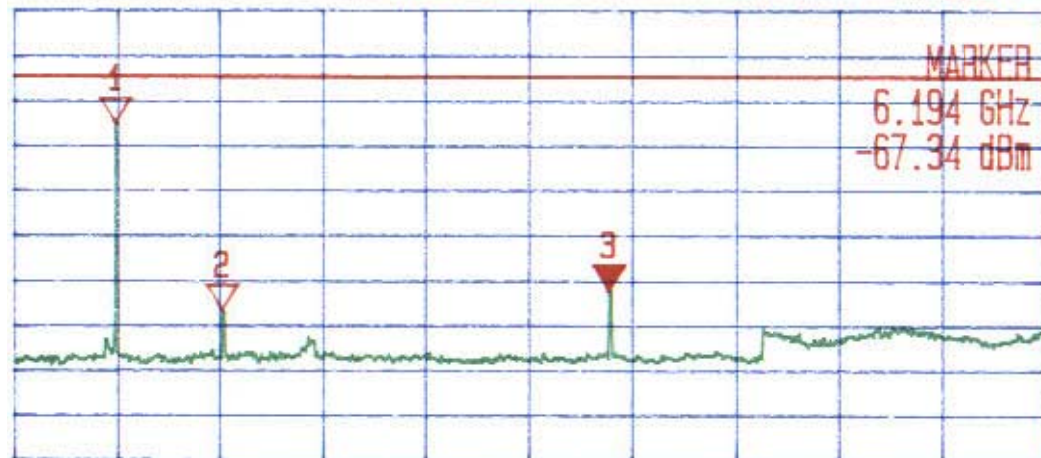
REF -5.0 dBm
10dB/

ATT 0 dB

A_write&max B_blank

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:	1.874 GHz	-30.22 dBm	A
No.2:	2.813 GHz	-71.53 dBm	A
No.3:	6.194 GHz	-67.34 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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SATELLINK RF – FIBER INTERFACE MODULES, MODEL LNKFIB-R01
Spurious Emissions @ Paging 928 – 941 MHz Output with 3 RF Input Signals
RF In / Out Frequencies 940.90, 940.95 & 941 MHz

Date: May 17 2001
Tested by: Hung Trinh

100

941 MHz

Thu May 17 15:43:12 2001

REF 25.0 dBm
10dB/

ATT 30 dB

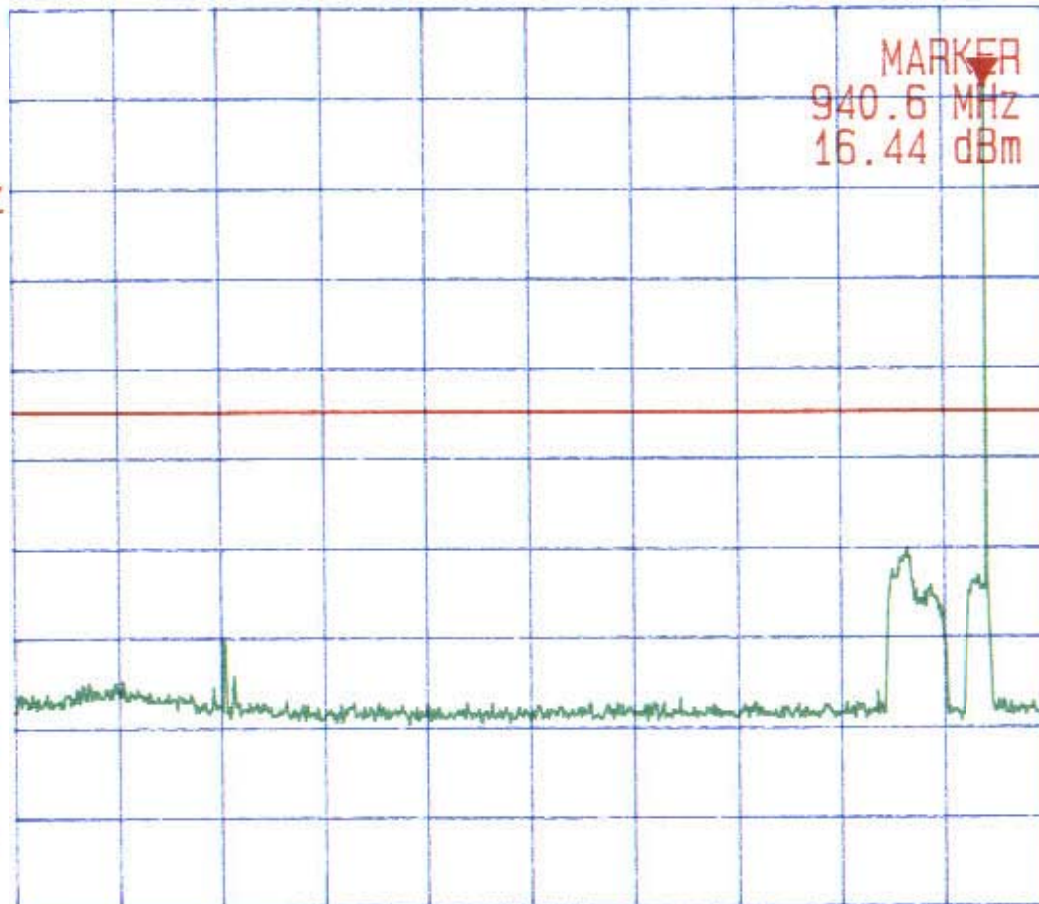
A_view B_blank

MKR
940.6 MHz

MARKER
940.6 MHz
16.44 dBm

REF OFS
11.3 dB

RBW
30 kHz
VBW
30 kHz
SWP
3.0 s



START 10 MHz

STOP 1.0000 GHz