

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 896 MHz, Max. Power Output: 38.2 dBm
 Mod.: RF IN at level of 10 dBm @ 896 MHz, FM Modulation with 2.5 kHz Sine wave
 Signal, Freq. Dev.: 1.2 kHz

Date: Nov.: 02 2000
 Tested by: Hung Trinh

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 895.99851 MHz
 38.16 dBm

No user
 Menu

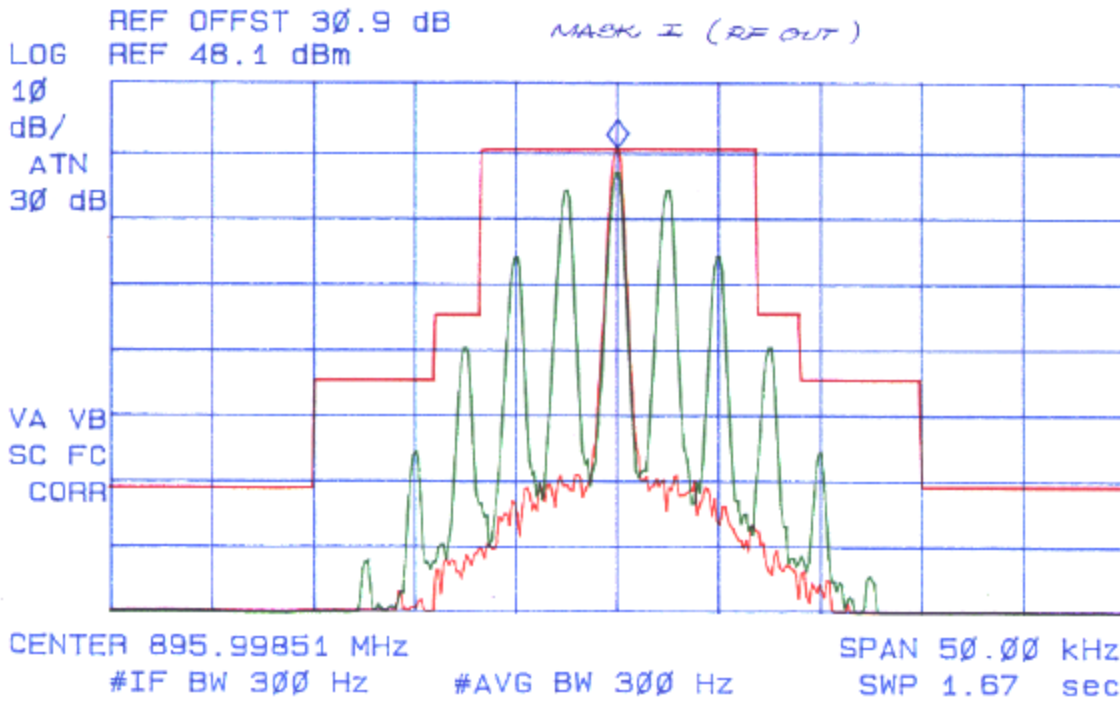


Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 902 MHz, Max. Power Output: 58.8 dBm
 Mod.: RF IN at level of 10 dBm @ 902 MHz, FM Modulation with 2.5 kHz Sine wave
 Signal, Freq. Dev.: 1.8 kHz

Date: Nov.: 07 2000
 Tested by: Hung Trinh

REF LEVEL
 48.2 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 901.99850 MHz
 38.21 dBm

No user
 Menu

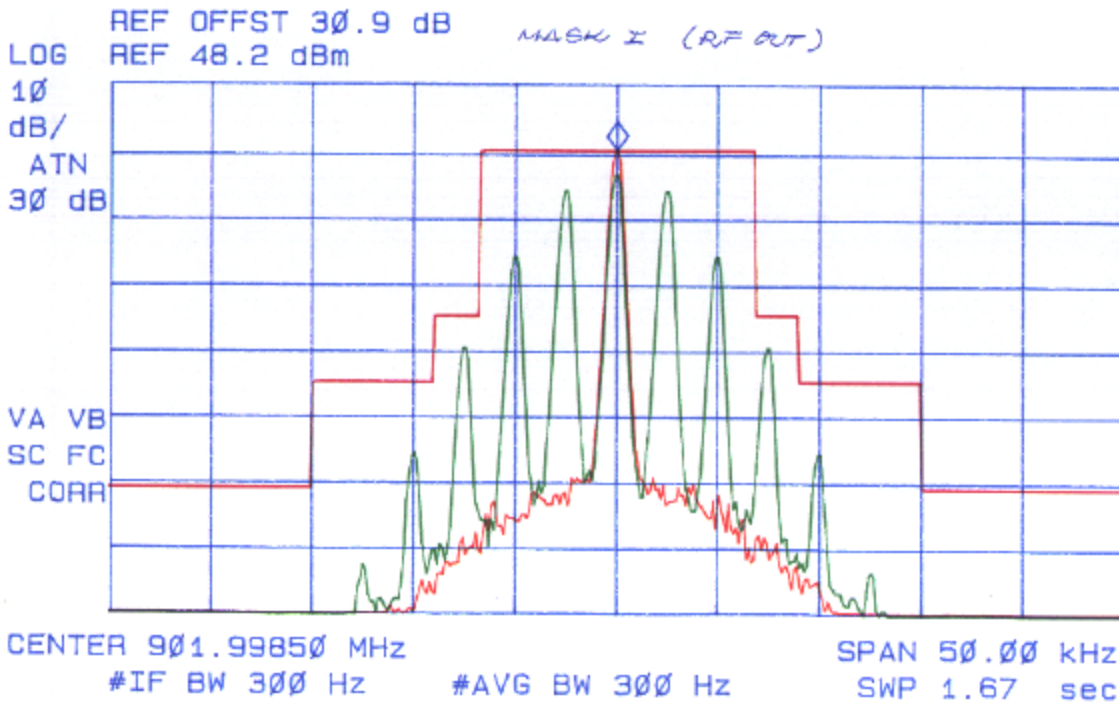


Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
TX Freq.: 935 MHz, Max. Power Output: 39.5 dBm
Mod.: RF IN at level of 10 dBm @ 935 MHz, FM Modulation with 2.5 kHz Sine wave
Signal, Freq. Dev.: 1.8 kHz

Date: Nov.: 27 2000
Tested by: Hung Trinh

REF LEVEL
48.6 dBm

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 934.99850 MHz
35.19 dBm

No user
Menu

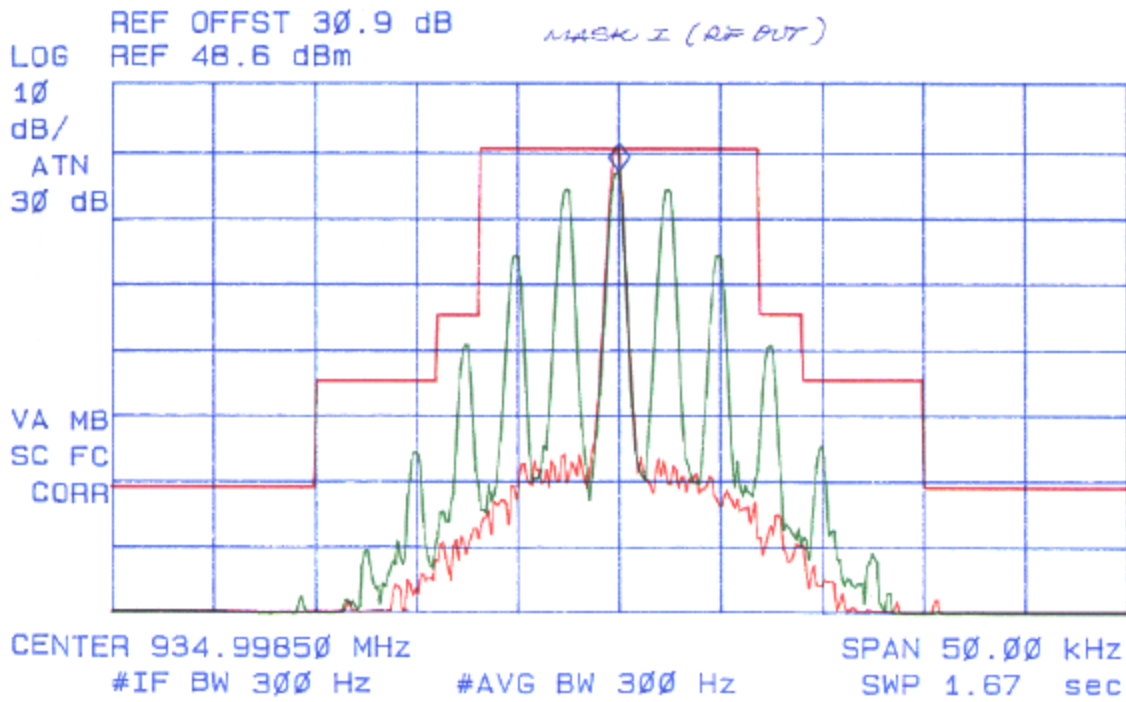


Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 941 MHz, Max. Power Output: 39.4 dBm
 Mod.: RF IN at level of 10 dBm @ 941 MHz, FM Modulation with 2.5 kHz Sine wave
 Signal, Freq. Dev.: 1.5 kHz

Date: Nov.: 07 2000
 Tested by: Hung Trinh

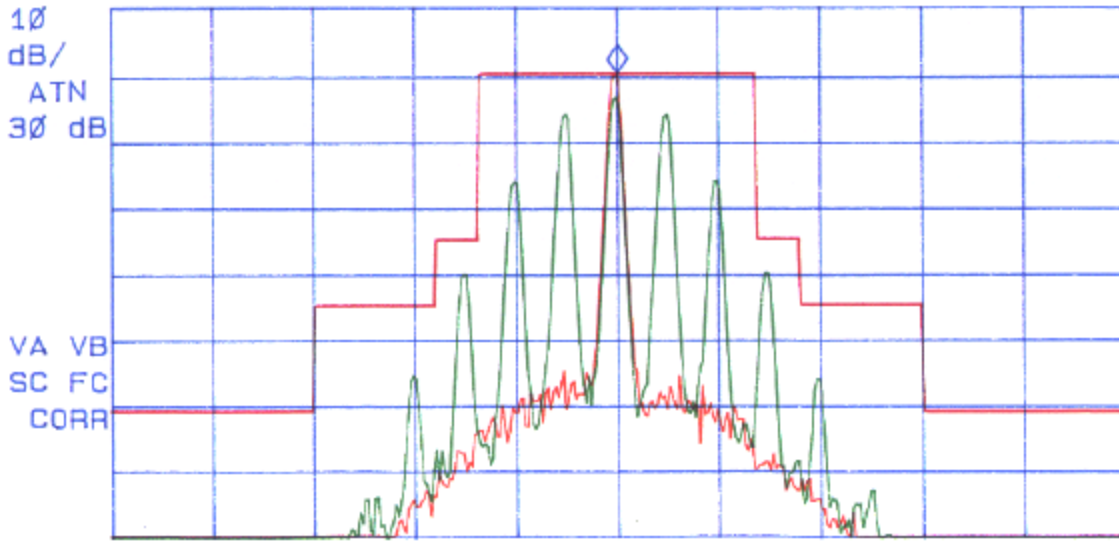
REF LEVEL
 48.5 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 940.99850 MHz
 38.54 dBm

No user
 Menu

LOG 10 dB/ATN 30 dB
 REF OFFST 30.9 dB
 REF 48.5 dBm

MARK I (RF OUT)



CENTER 940.99850 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 Tx Freq.: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF In level of 10 dBm @ 890 MHz, FM Modulation with 2.5 kHz Sine Wave
 Signal, Freq. Dev.: 1.2 kHz

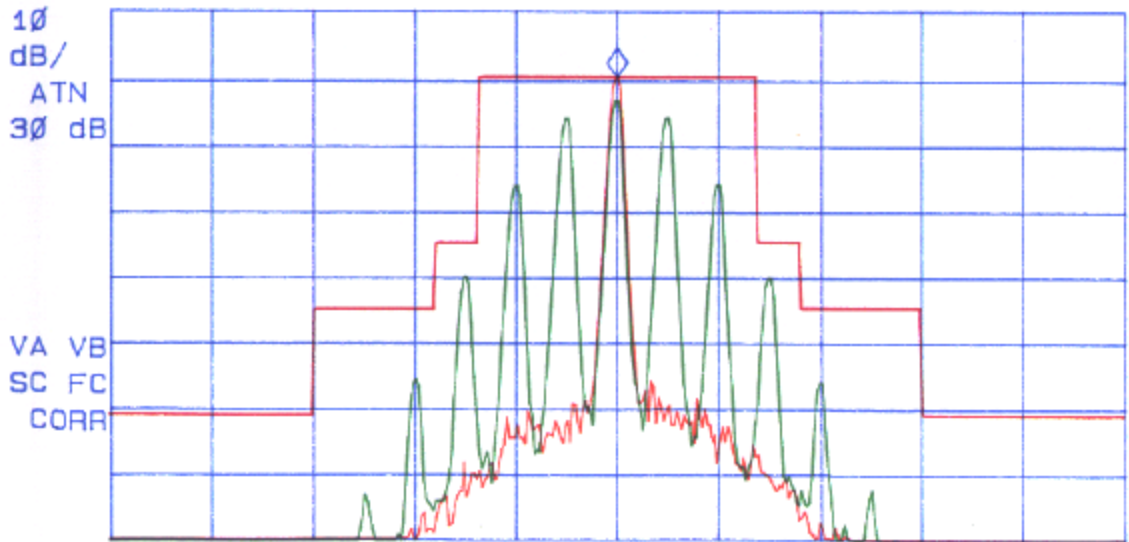
Date: Nov.: 07 2000
 Tested by: Hung Trinh

CENTER
 895.99850 MHz

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 895.99850 MHz
 9.48 dBm

No user
 Menu

LOG REF 19.5 dBm RF IN SIGNAL FITTED IN THE MASK I



CENTER 895.99850 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.
BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
Tx Freq.: _____ MHz, Max. Power Output _____ dBm
Mod.: RF In level of 10 dBm @ 900 MHz, FM Modulation with 2.5 kHz Sine Wave
Signal. Freq. Dev.: 4.0 kHz

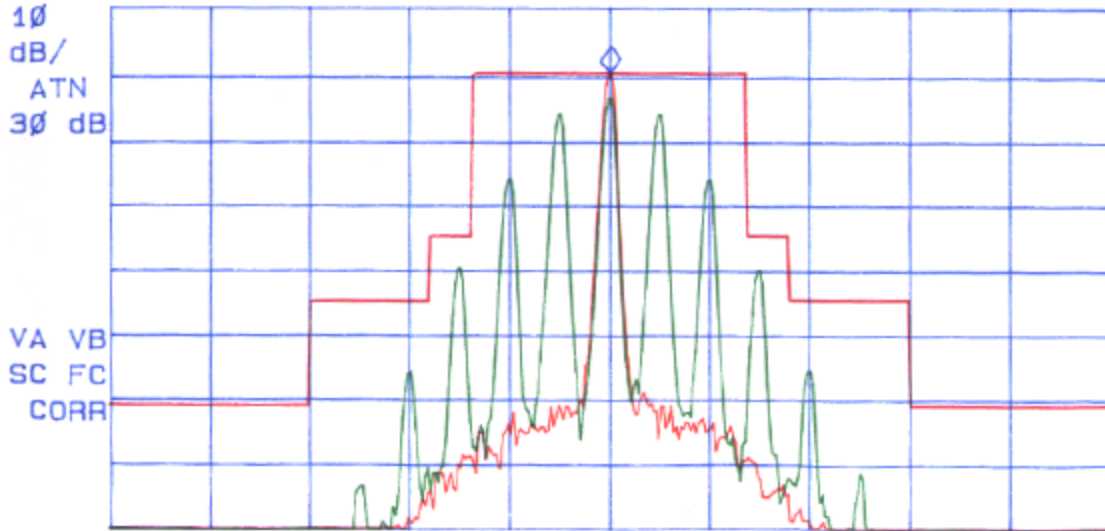
Date: Nov.: 07 2000
Tested by: Hung Trinh

REF LEVEL
19.5 dBm

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 901.99850 MHz
9.42 dBm

No user
Menu

LOG REF 19.5 dBm RF IN SIGNAL FITTED IN THE MASK I



CENTER 901.99850 MHz SPAN 50.00 kHz
#IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 Tx Freq.: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF In level of 10 dBm @ 935MHz, FM Modulation with 2.5 kHz Sine Wave
 Signal, Freq. Dev.: 1.8 kHz

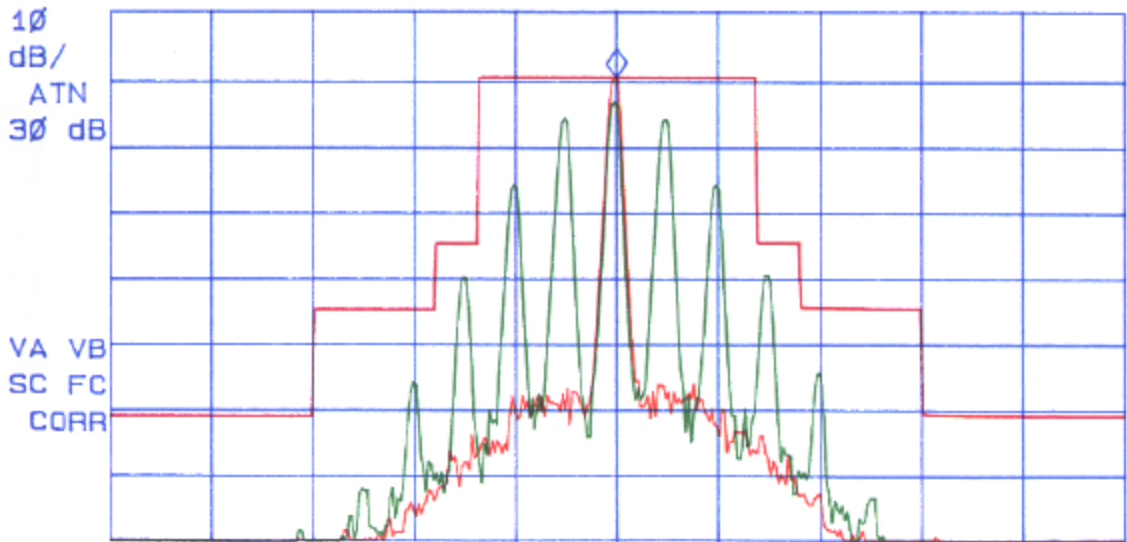
Date: Nov.: 07 2000
 Tested by: Hung Trinh

MARKER
 934.99850 MHz
 9.46 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 934.99850 MHz
 9.46 dBm

No user
 Menu

LOG REF 19.5 dBm RF IN SIGNAL FITTED IN THE MASK I



CENTER 934.99850 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF IN at level of 10 dBm @ 941 MHz, FM Modulation with 2.5 kHz Sine wave
 Signal, Freq. Dev.: 1.8 kHz

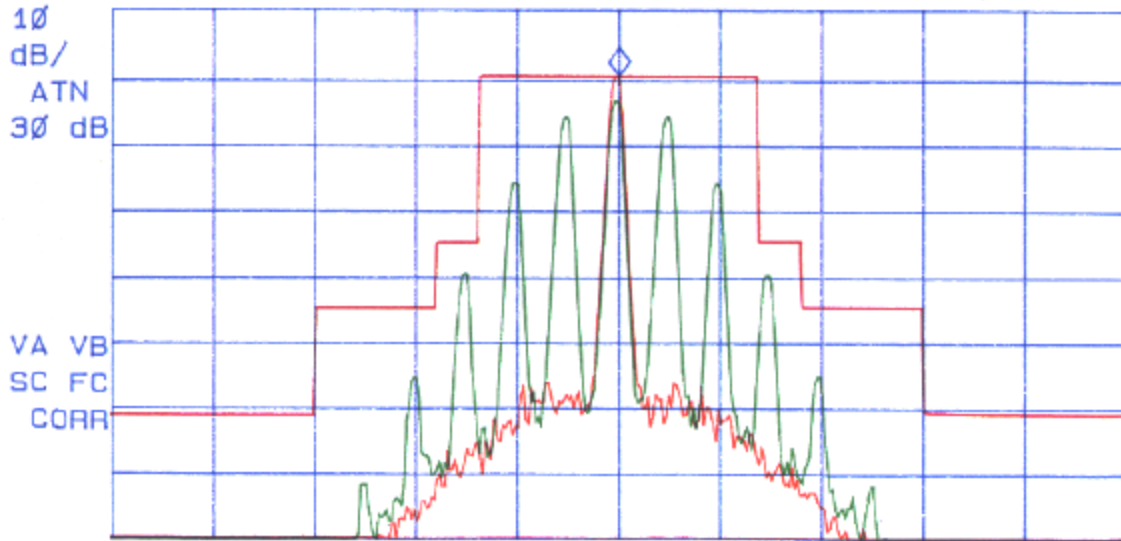
Date: Nov. 07 2000
 Tested by: Hung Trinh

REF LEVEL
 19.5 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 940.99850 MHz
 9.50 dBm

No user
 Menu

LOG REF 19.5 dBm *RF IN SIGNAL FITTED IN THE MASK I*



CENTER 940.99850 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 896 MHz, Max. Power Output: 38.2 dBm
 Mod.: RF IN at level of 10 dBm @ 896 MHz, FM Modulation with external 9600 b/s random data source, Freq. Dev.: 1.5 kHz

Date: Nov.: 06 2000
 Tested by: Hung Trinh

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 895.99888 MHz

No user
 Menu

MASK J (RF OUT) 38.34 dBm

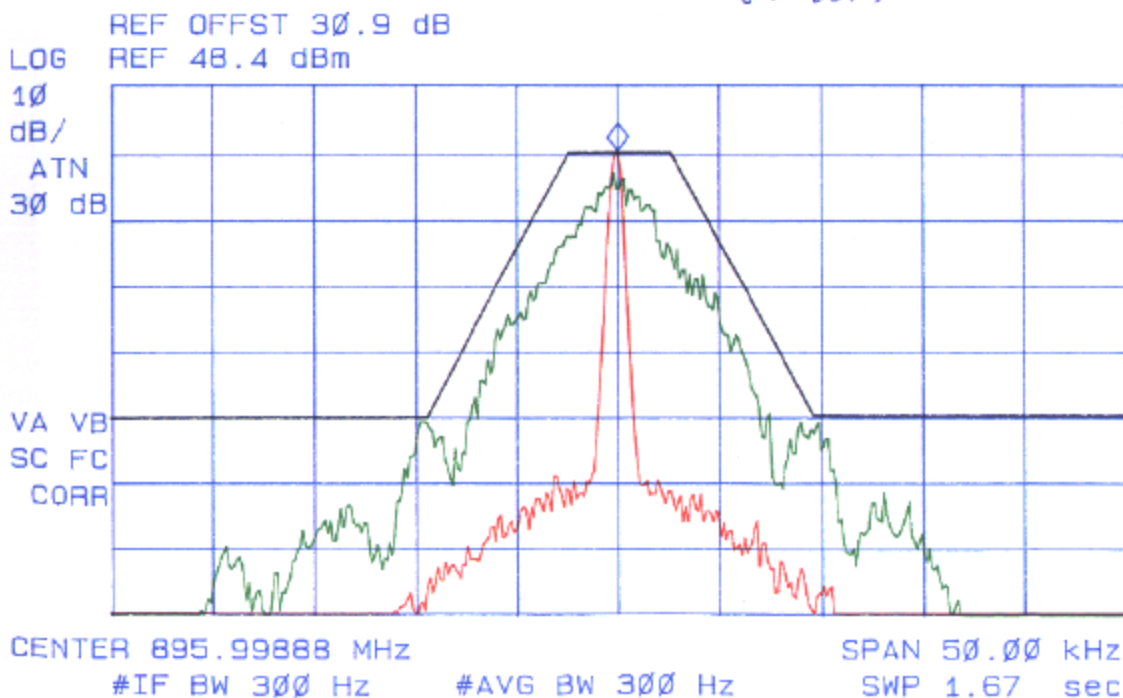


Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 902 MHz, Max. Power Output: 38.3 dBm
 Mod.: RF IN at level of 10 dBm @ 902 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 15 kHz

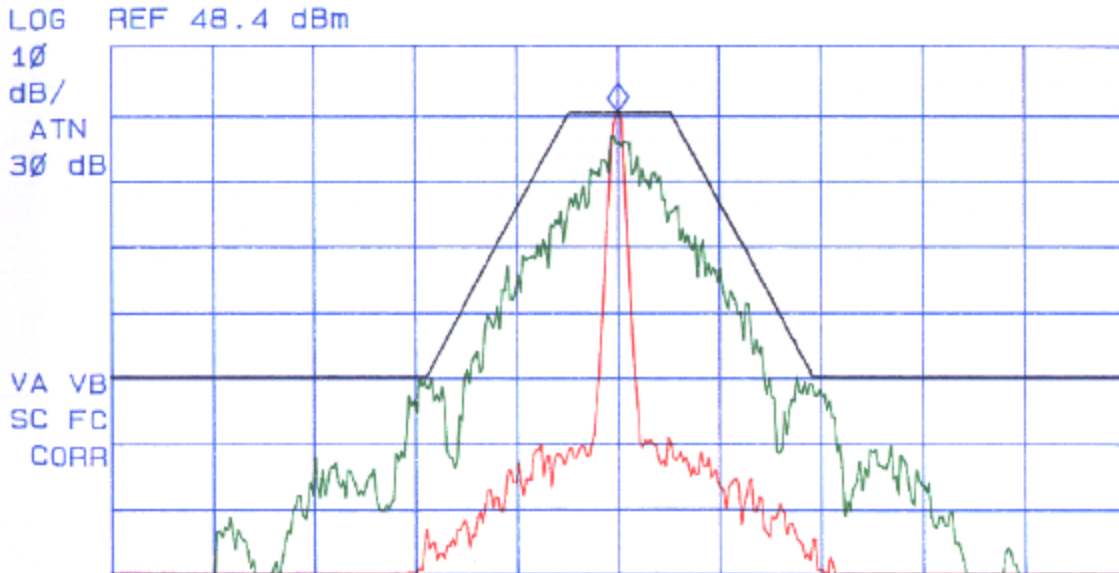
Date: Nov. 06 2000
 Tested by: Hung Trinh

MARKER
 901.99863 MHz
 38.37 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 901.99863 MHz
 38.37 dBm

No user
 Menu

REF OFFST 30.9 dB MASK J (RF OUT)
 LOG REF 48.4 dBm



CENTER 901.99863 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: 935 MHz, Max. Power Output: 39.5 dBm
 Mod.: RF IN at level of 10 dBm @ 935 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 1.5 kHz

Date: Nov.: 08 2000
 Tested by: Hung Trinh

REF LEVEL
 48.7 dBm

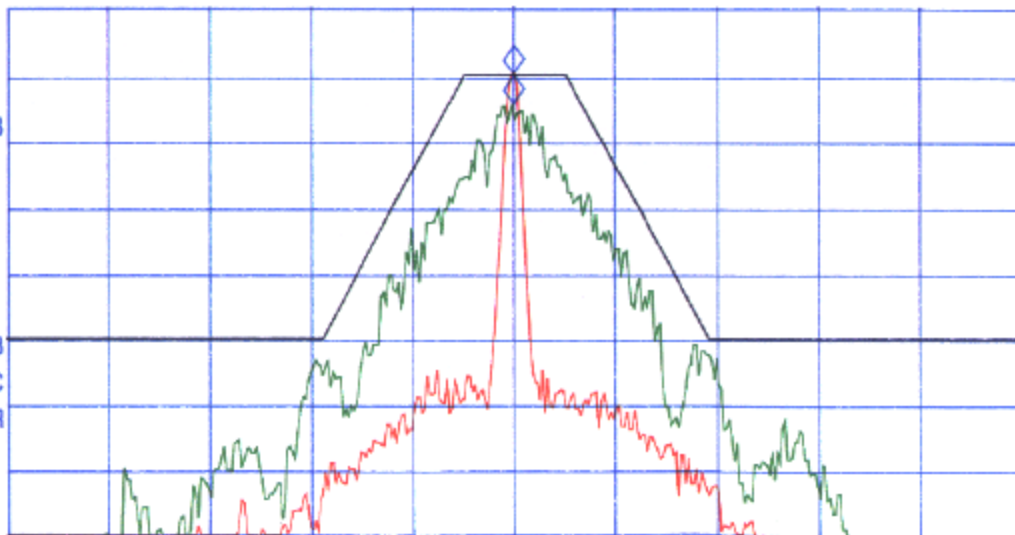
ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 934.99850 MHz
 38.71 dBm

No user
 Menu

REF OFFST 30.9 dB
 REF 48.7 dBm

MASK J (RF OUT)

LOG
 10
 dB/
 ATN
 30 dB
 VA VB
 SC FC
 CORR



CENTER 934.99850 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq: 941 MHz, Max. Power Output: 39.4 dBm
 Mod: RF IN at level of 10 dBm @ 941 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 1.5 kHz

Date: Nov. 02 2000
 Tested by: Hung Trinh

REF LEVEL
 48.6 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 940.99863 MHz
 38.61 dBm

No user
 Menu

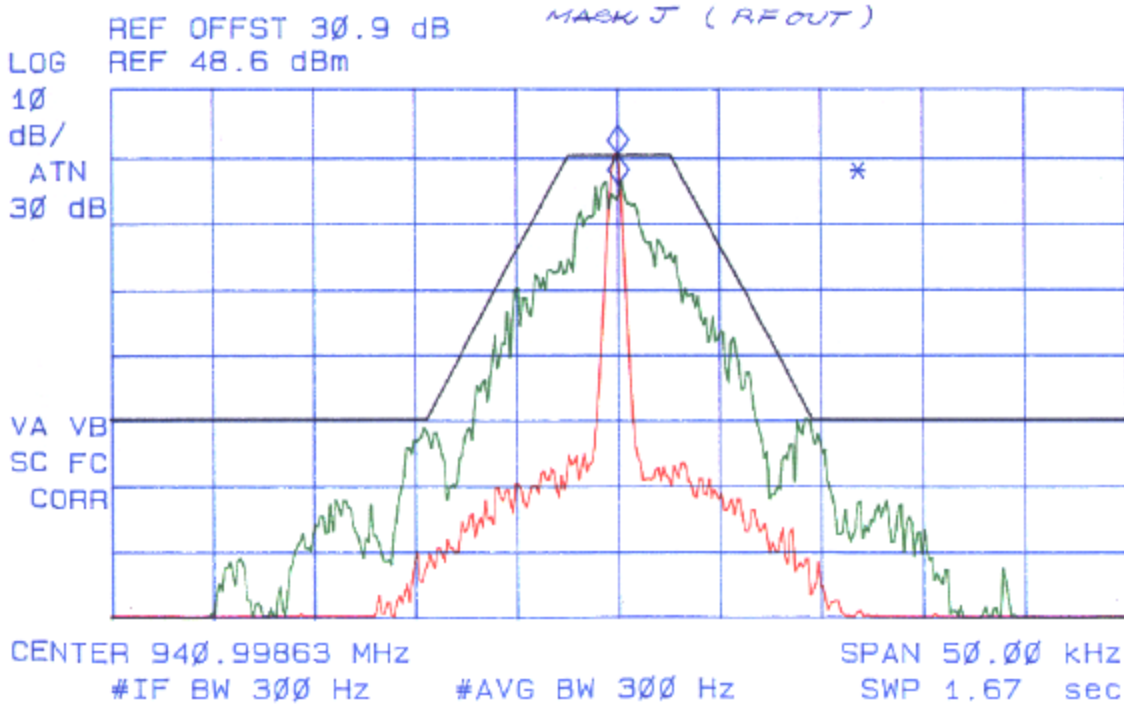


Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF IN at level of 10 dBm @ 896 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 1.5 kHz

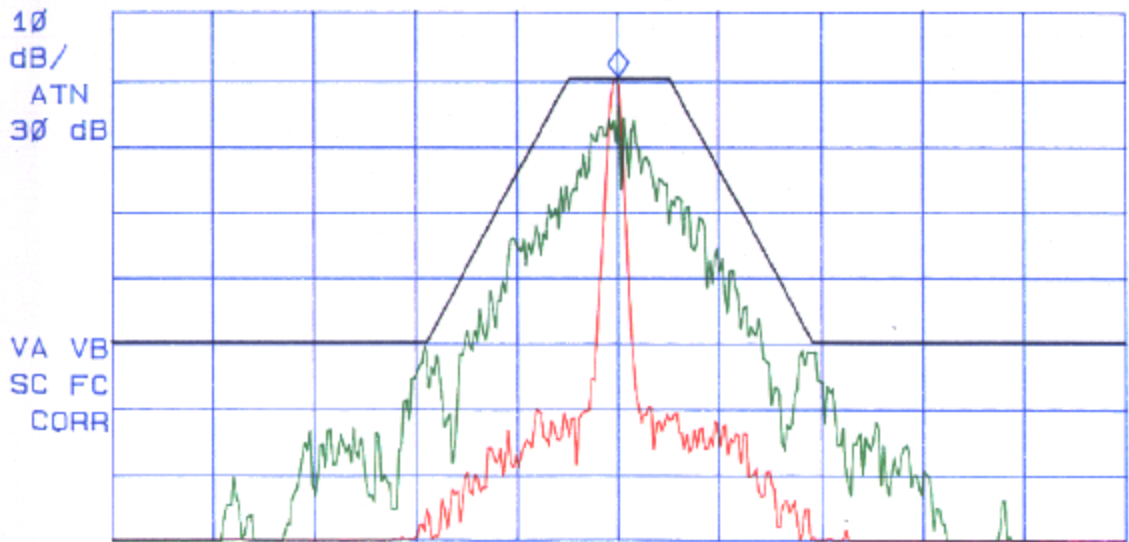
Date: Nov.: 07 2000
 Tested by: Hung Trinh

CENTER
 895.99863 MHz

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 895.99863 MHz
 9.46 dBm

No user
 Menu

LOG REF 19.5 dBm RF IN SIGNAL FITTED IN THE MASK J



CENTER 895.99863 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF IN at level of 10 dBm @ 938 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 1.5 kHz

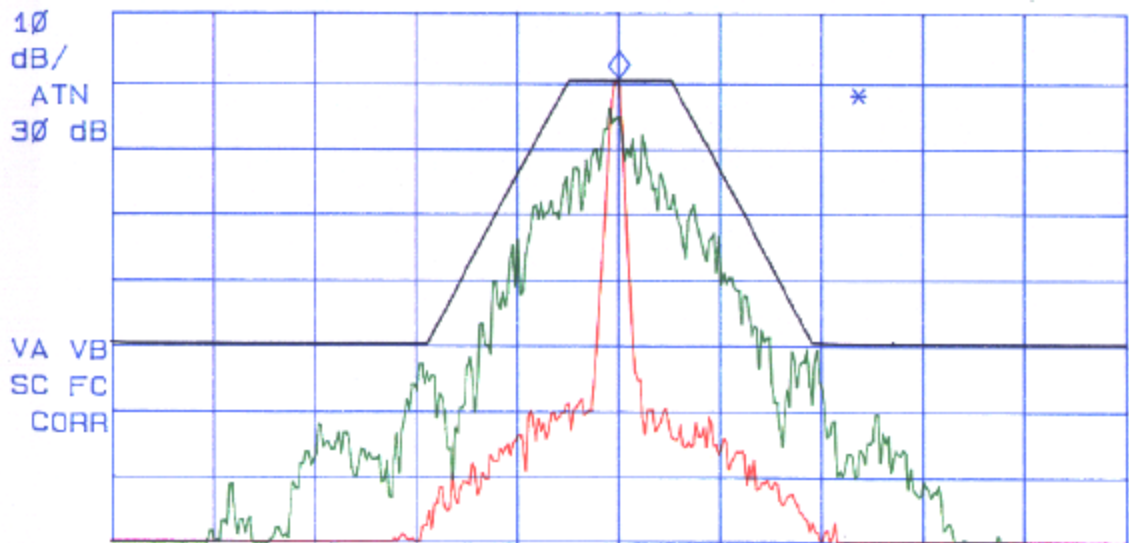
Date: Nov. 22 2000
 Tested by: Hung Trinh

MARKER
 901.99863 MHz
 9.49 dBm

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 901.99863 MHz
 9.49 dBm

No user
 Menu

LOG REF 19.5 dBm RF IN SIGNAL FITTED IN THE MASK J



CENTER 901.99863 MHz SPAN 50.00 kHz
 #IF BW 300 Hz #AVG BW 300 Hz SWP 1.67 sec

Exhibit 9B – Emission Mask I and J



KAVAL TELECOM INC.
 BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200
 TX Freq.: _____ MHz, Max. Power Output: _____ dBm
 Mod.: RF IN at level of 10 dBm @ 935 MHz, FM Modulation with external 9600 b/s
 random data source, Freq. Dev.: 1.5 kHz

Date: Nov.: 07 2000
 Tested by: Hung Trinh

ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 MKR 934.99863 MHz
 9.49 dBm

No user
 Menu

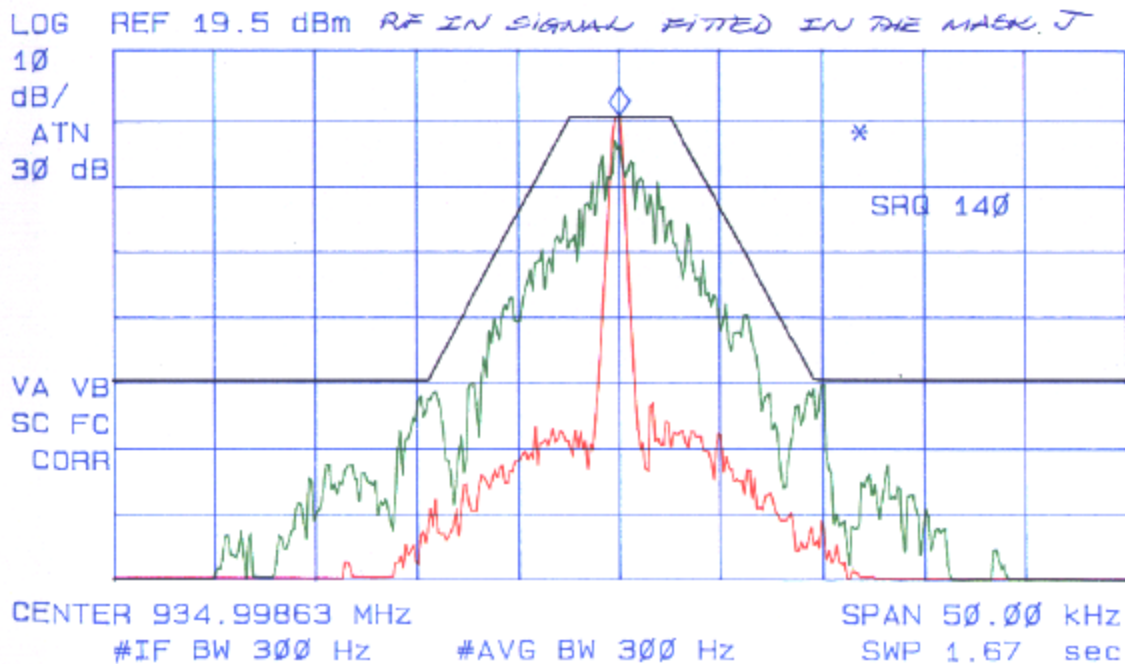



Exhibit 9B – Emission Mask I and J



UltraTech
Engineering Labs Inc.

KAVAL TELECOM INC.

BI-DIRECTIONAL AMPLIFIER, 896-902 MHz & 935-941 MHz, Model: BDA1200

TX Freq.: _____ MHz, Max. Power Output: _____ dBm

Mod.: RF IN at level of 10 dBm @ 941 MHz, FM Modulation with external 9600 b/s random data source, Freq. Dev.: 1.5 kHz

Date: Nov.: 07, 2000
Tested by: Hung Trinh

REF LEVEL
19.4 dBm

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 940.99863 MHz
9.45 dBm

No user
Menu

