



UltraTech
Engineering Labs Inc.

FUTURECOM SYSTEMS GROUP INC.
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

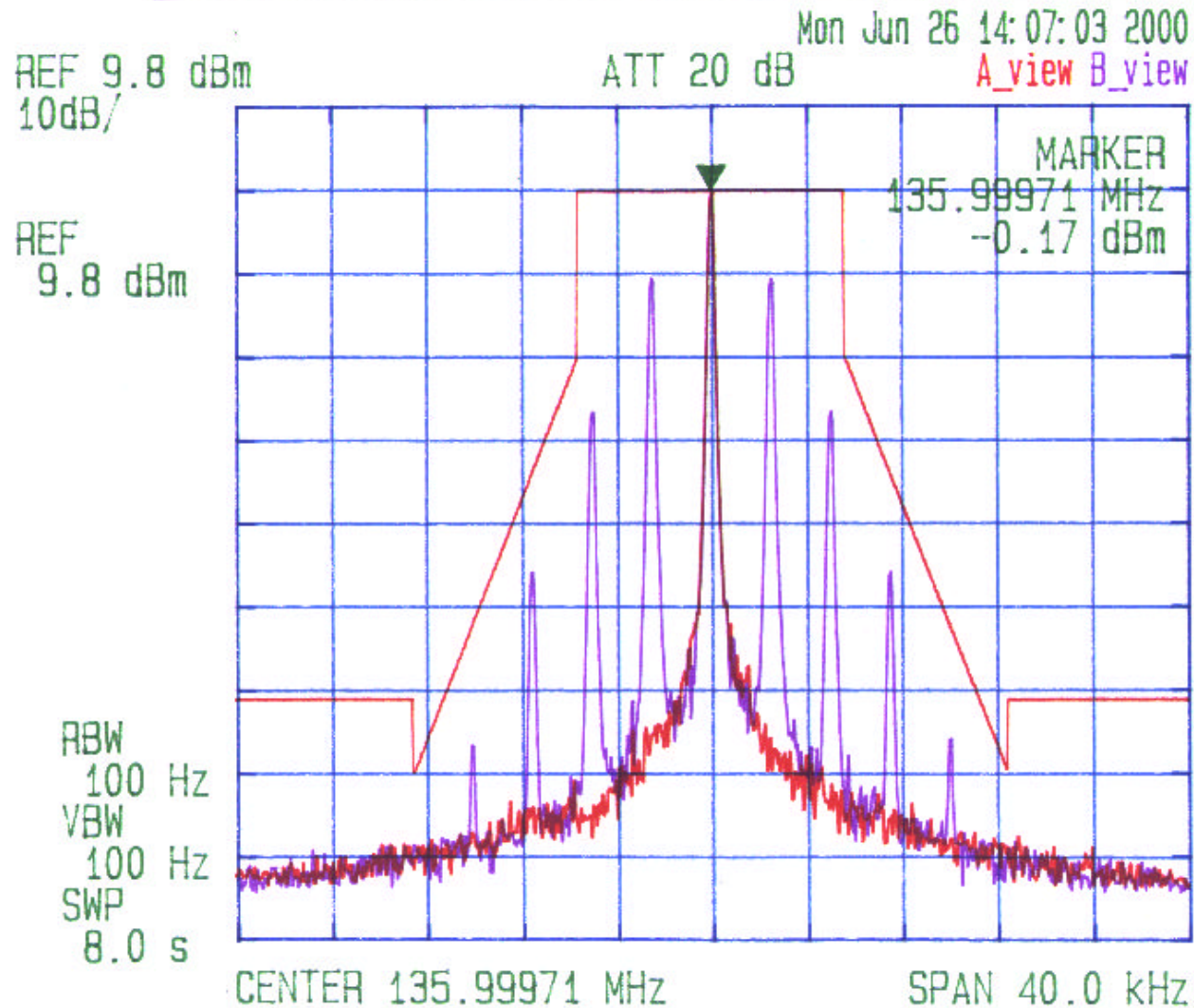
RF In level of 0 dBm @ 136 MHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.5 kHz

RF IN SIGNAL FITTED IN MASK D

TRANSLATOR

Date: June 26 2000
Tested by: Hung Trinh





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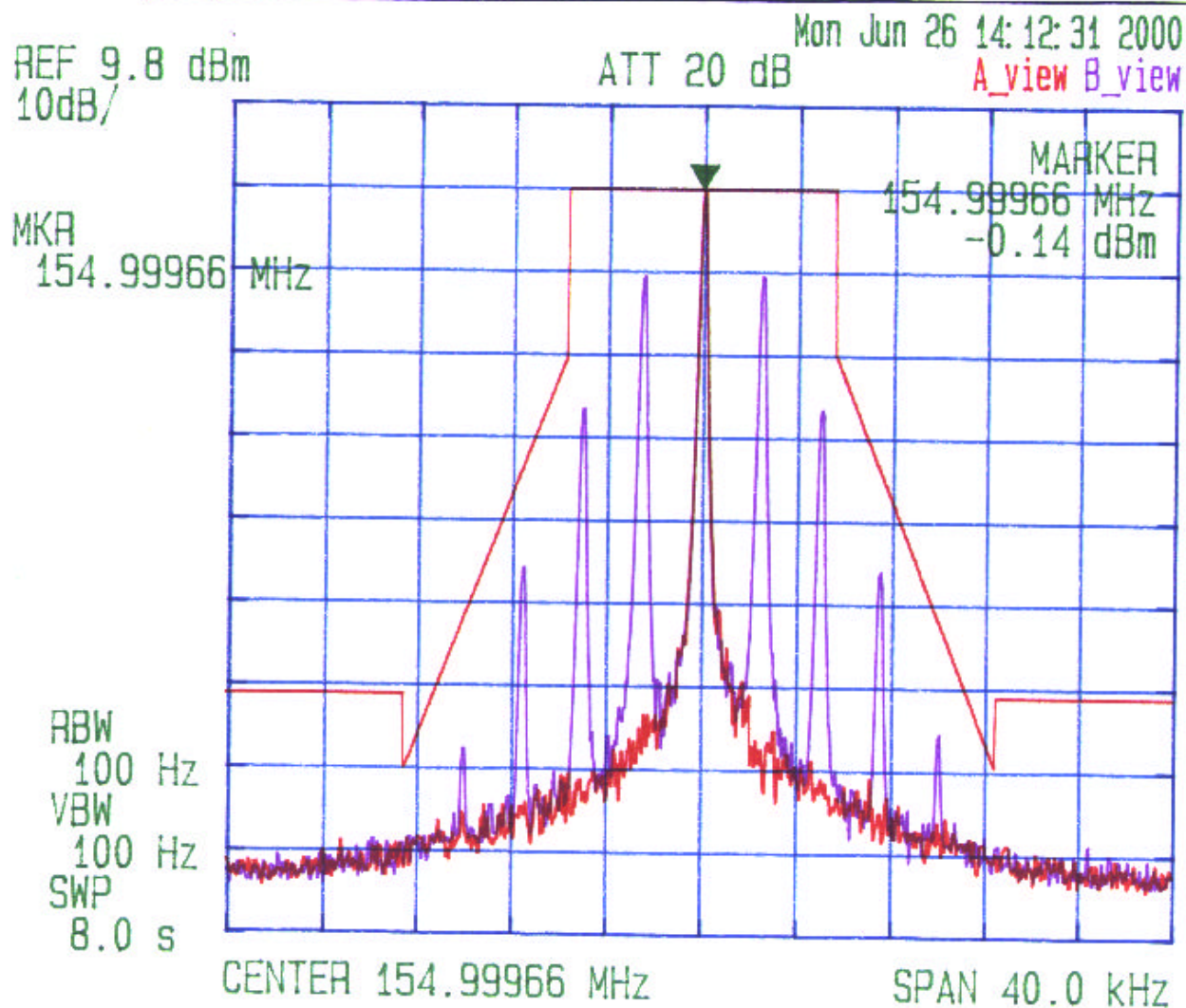
RF In level of 0 dBm @ 155 MHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz

RF IN SIGNAL FITTED IN MASK D

TRANSLATOR

Date: June 26 2000
Tested by: Hung Trinh





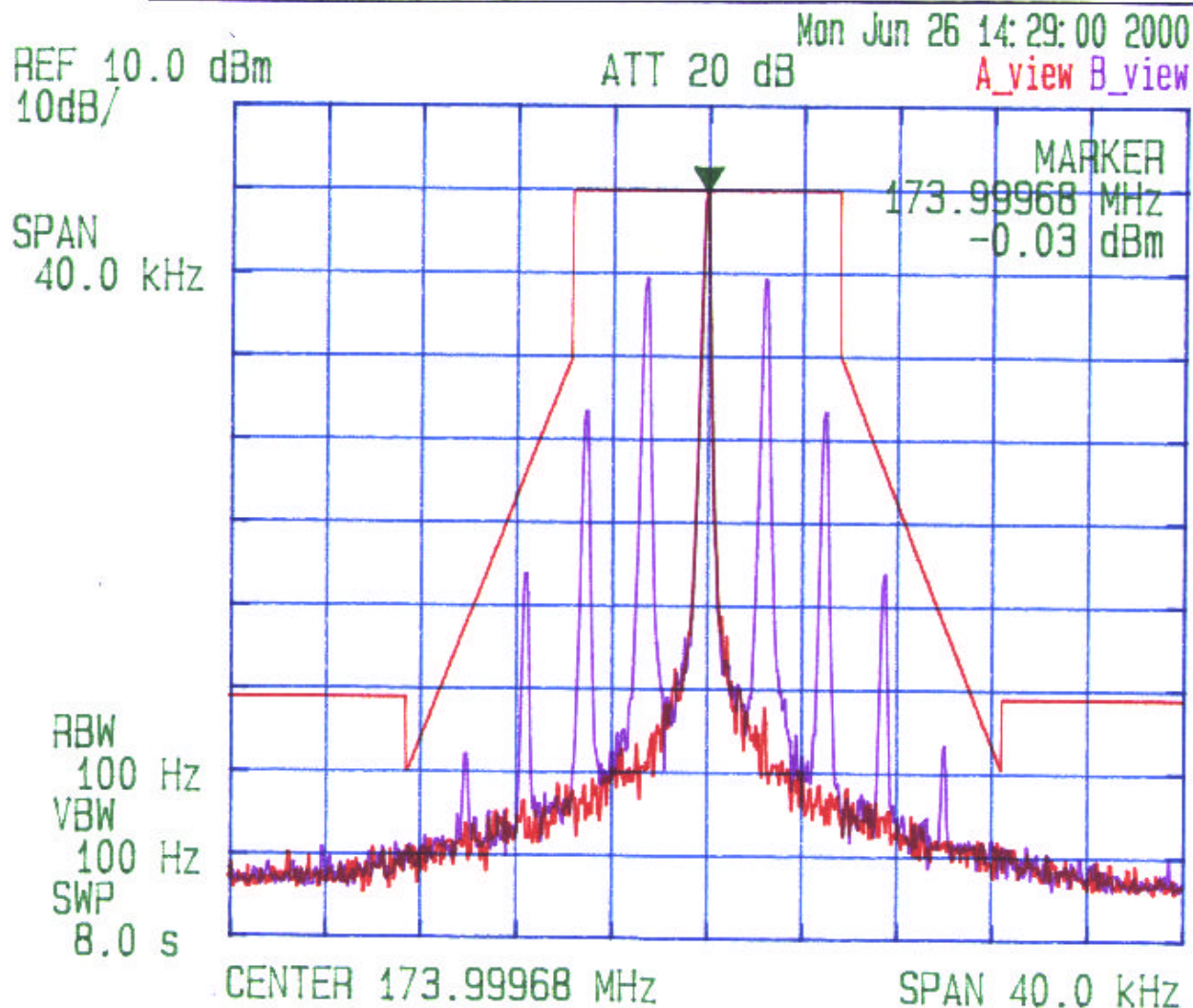
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RF In level of 0 dBm @ 174 MHz
Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz
RF IN SIGNAL FITTED IN MASK D

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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 136 MHz, Power Rating: 10 W, Channel Spacing: 8.5 kHz

RF In at level of 0 dBm @ 150 MHz

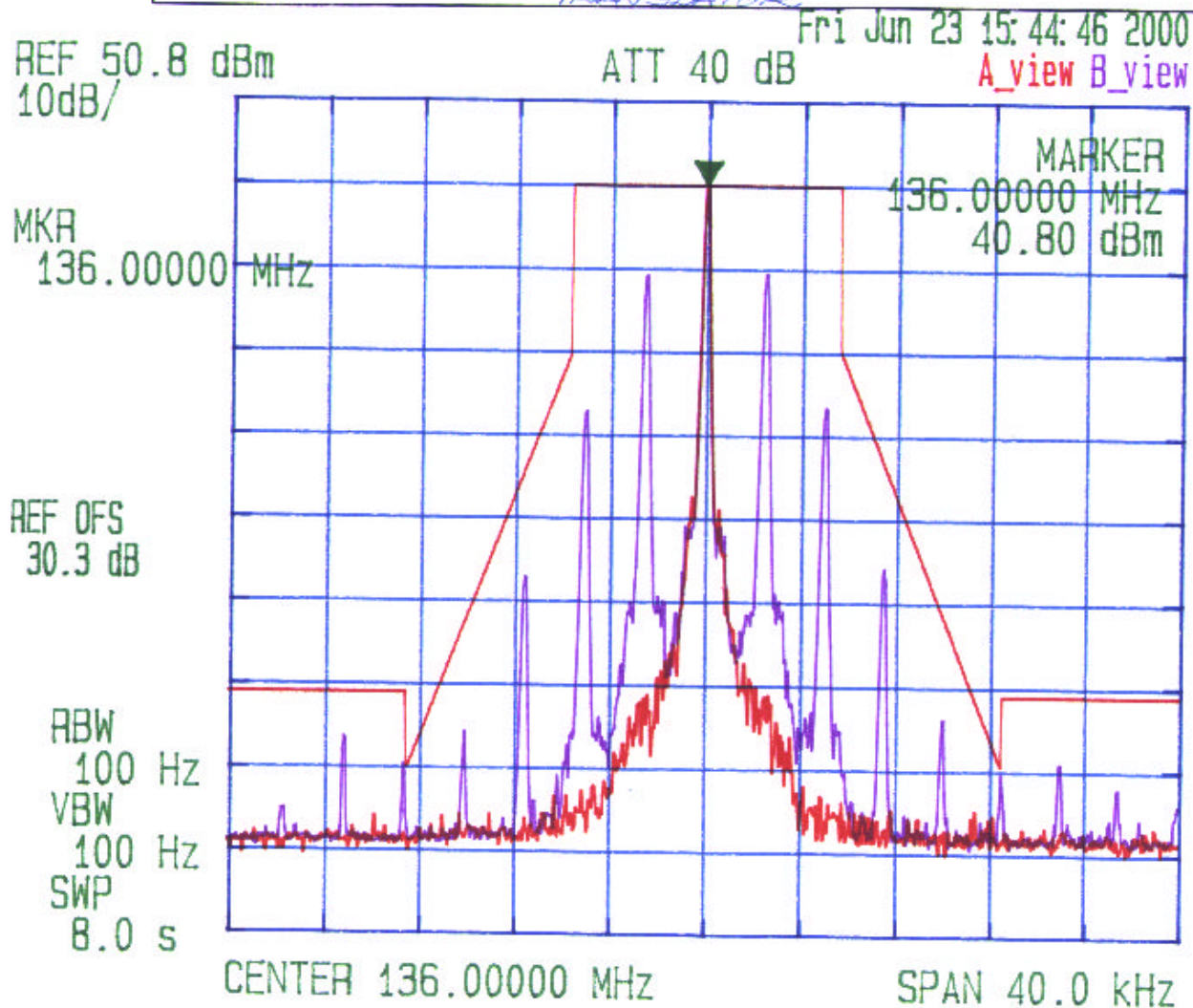
Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz

MASK D

TRANSLATOR

Date: June 23 2000

Tested by: Hung Trinh





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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 155 MHz, Power Rating: 10 W, Channel Spacing: 12.5 kHz

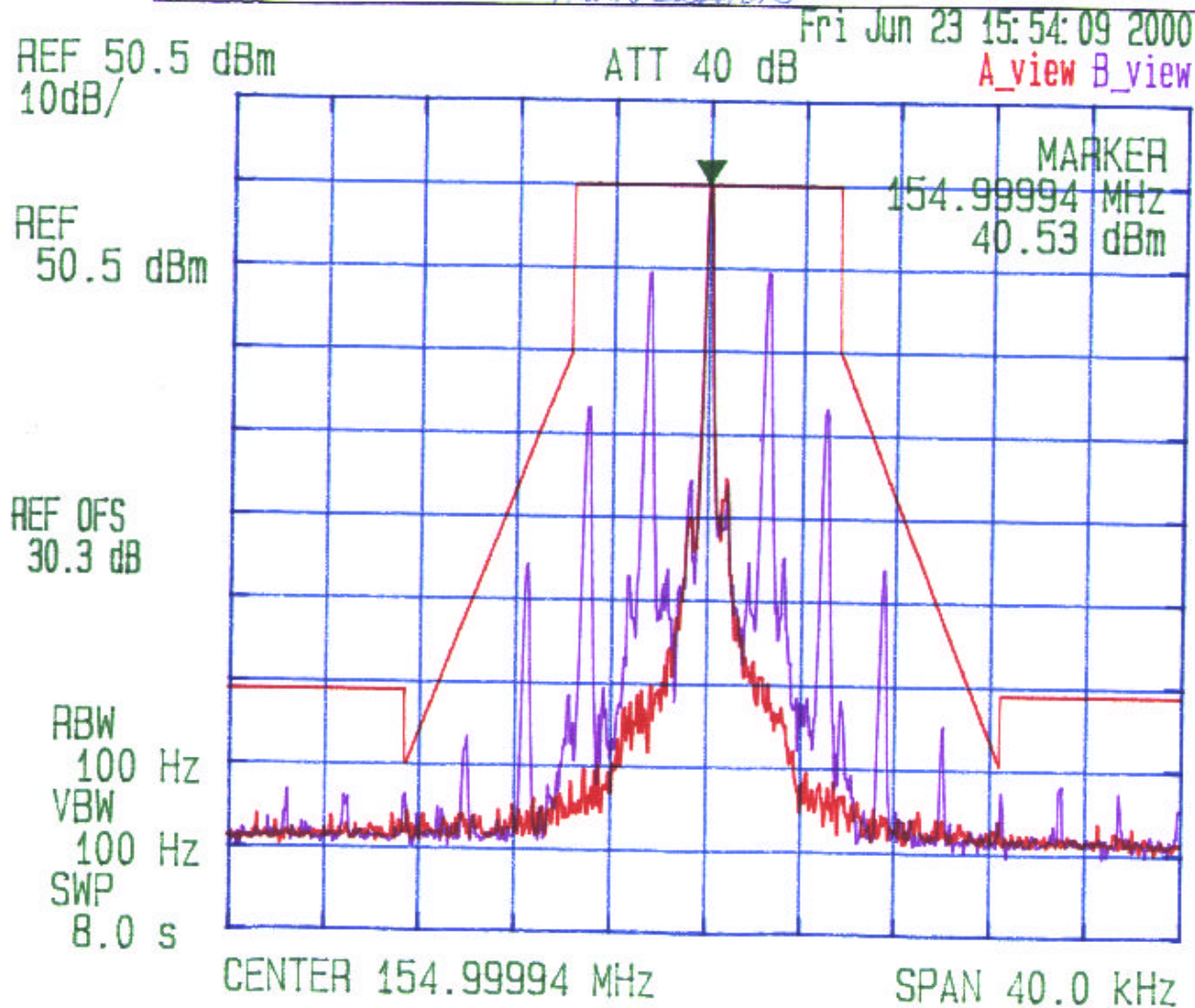
RF In at level of 0 dBm @ 150 MHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz

MASK D

TRANSLATOR

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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 174 MHz, Power Rating: 10 W, Channel Spacing: 12.5 kHz

RF In at level of 0 dBm @ 150 MHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.0 kHz

MASK D

TRANSLATOR

Date: June 23, 2000

Tested by: Hung Trinh

Fri Jun 23 16:12:56 2000

REF 51.0 dBm
10dB/

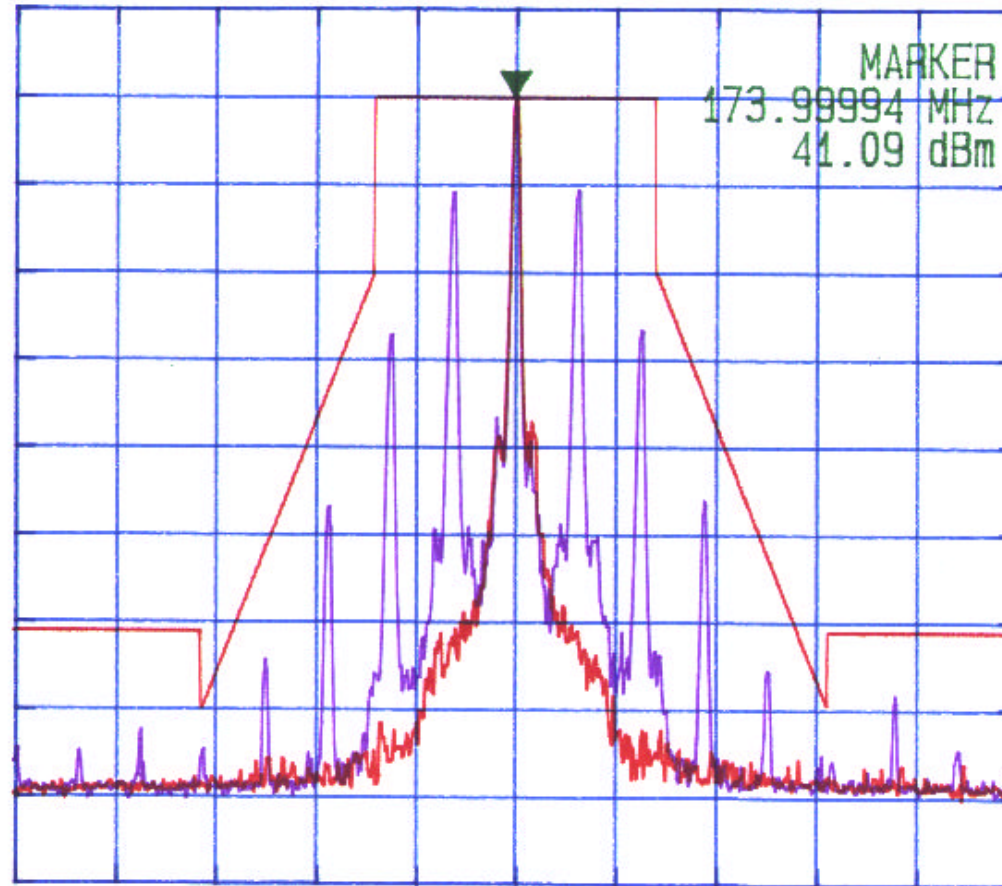
ATT 40 dB

A_view B_view

REF
51.0 dBm

REF OFS
30.3 dB

RBW
100 Hz
VBW
100 Hz
SWP
8.0 s



MARKER
173.99994 MHz
41.09 dBm

CENTER 173.99994 MHz

SPAN 40.0 kHz



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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

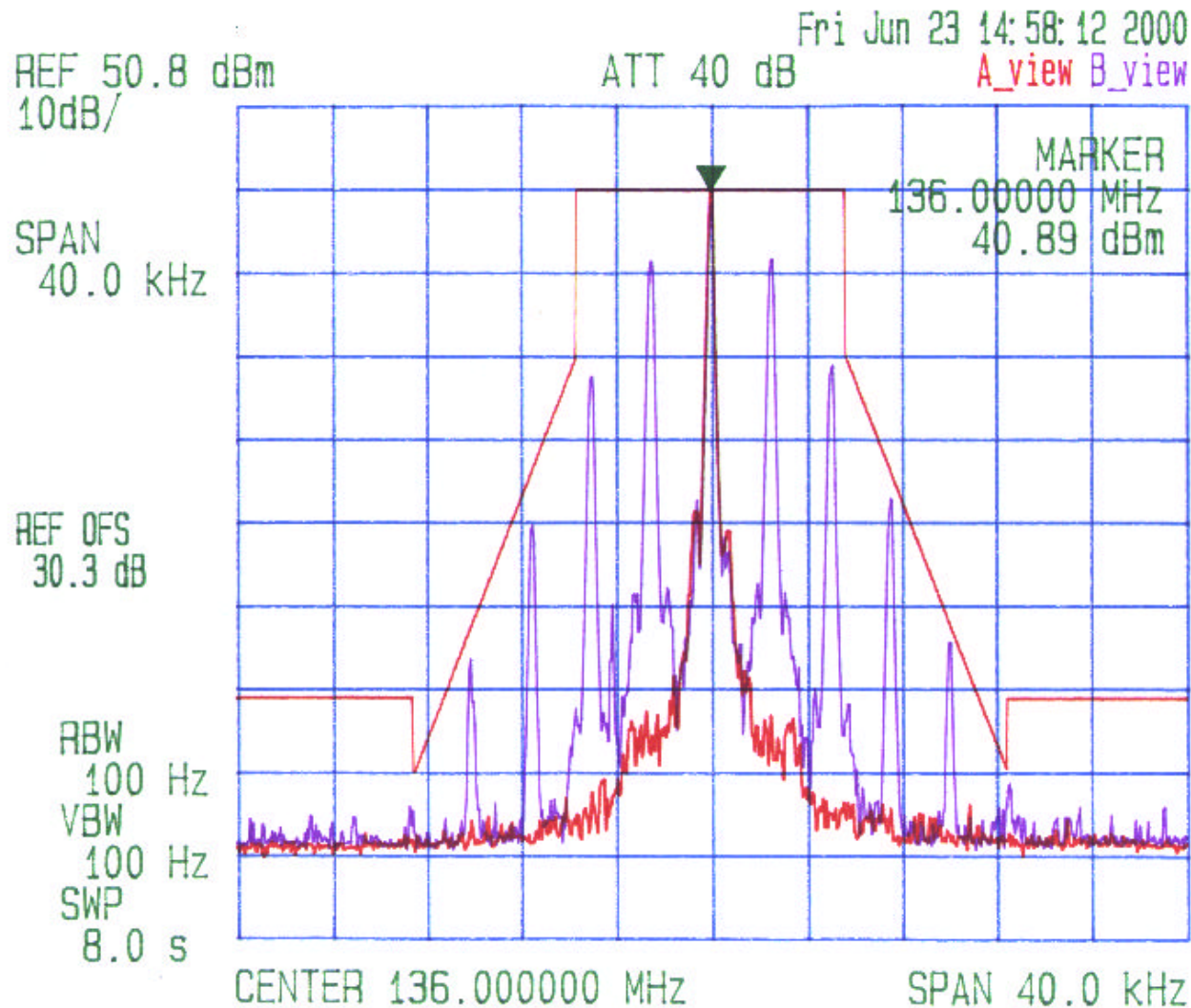
Frequency: 136 MHz, Power Rating: 10 W, Channel Spacing: 12.5 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz

MASK D

TRANSMITTER

Date: June 23 2000
Tested by: Hung Trinh





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FUTURECOM SYSTEMS GROUP INC.

MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 155 MHz, Power Rating: 10 W, Channel Spacing: 12.5 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.6 kHz

MASK D

TRANSMITTER

Date: June 23 2000
Tested by: Hung Trinh

Fri Jun 23 15:11:26 2000

REF 50.6 dBm
10dB/

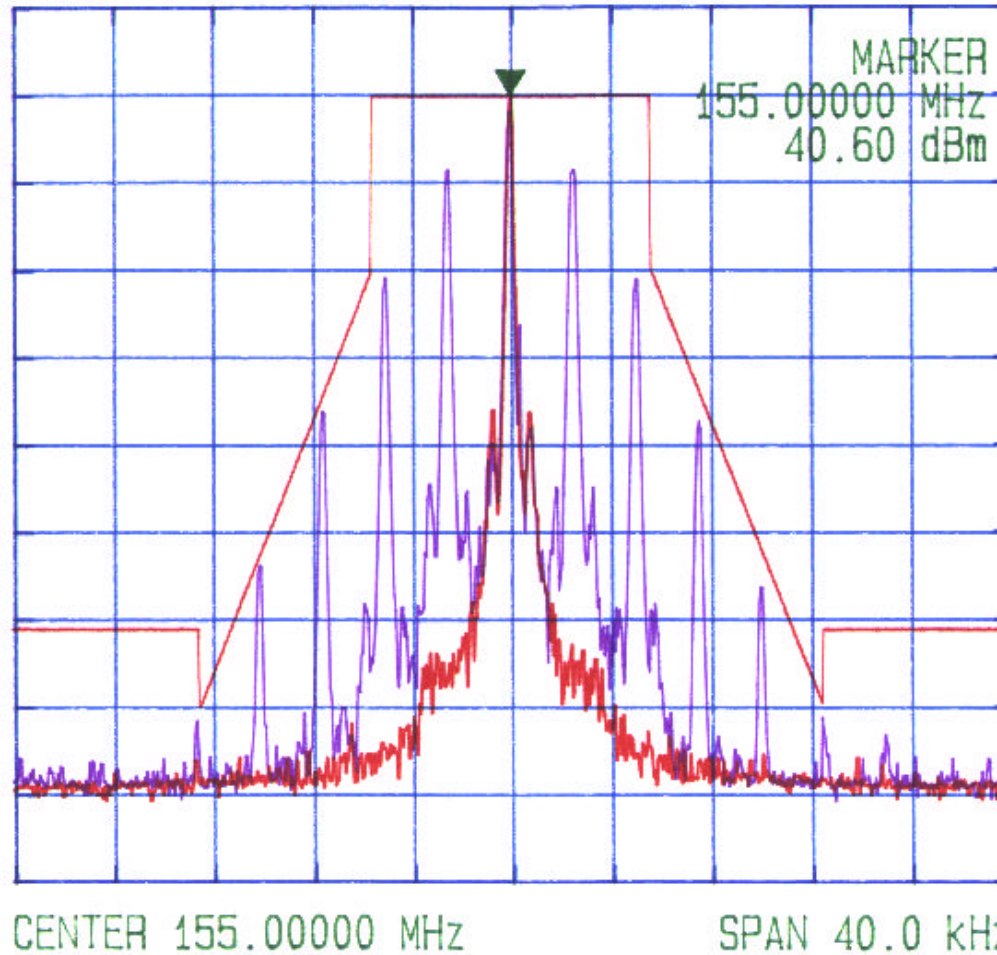
ATT 40 dB

A_view B_view

REF
50.6 dBm

REF OFS
30.3 dB

RBW
100 Hz
VBW
100 Hz
SWP
8.0 s





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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 174 MHz, Power Rating: 10 W, Channel Spacing: 2.5 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 1.0 kHz

MASK D

TRANSMITTER

Date: June 23 2000
Tested by: Hung Trinh

Fri Jun 23 15:23:55 2000

REF 51.1 dBm
10dB/

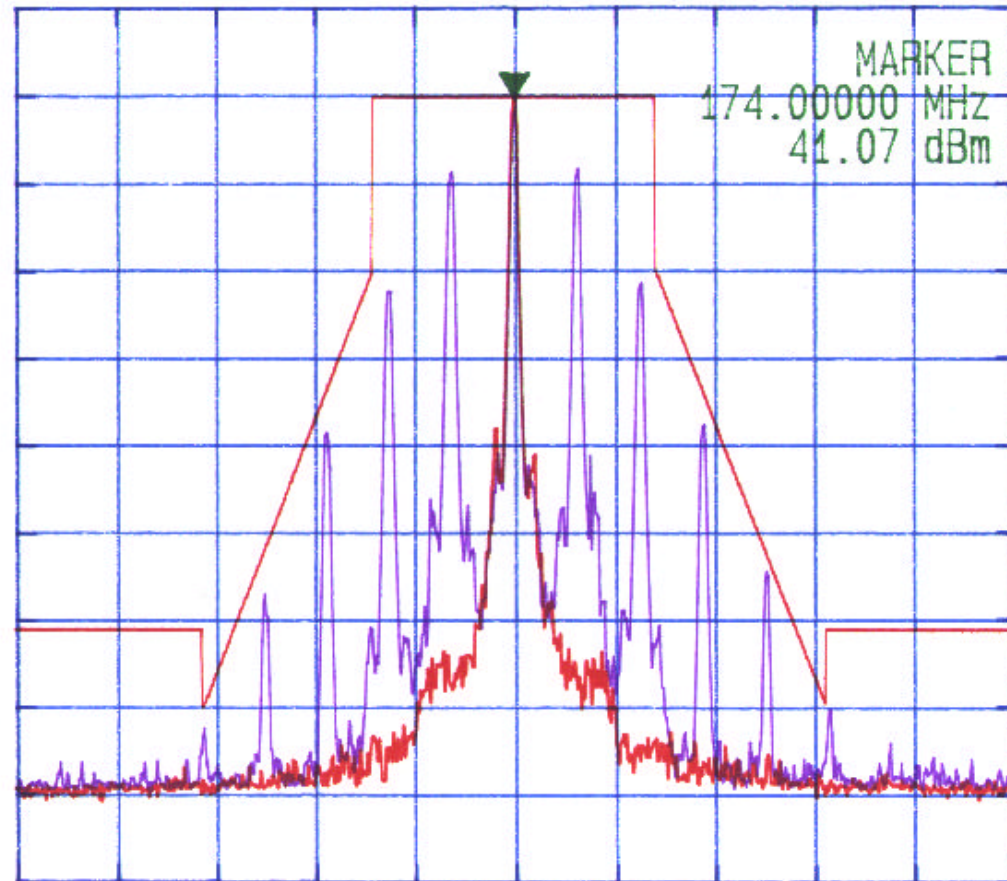
ATT 40 dB

A_view B_view

REF
51.1 dBm

REF OFS
30.3 dB

RBW
100 Hz
VBW
100 Hz
SWP
8.0 s



CENTER 174.00000 MHz

SPAN 40.0 kHz