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Engineering Labs Inc.

FUTURECOM SYSTEMS GROUP INC.

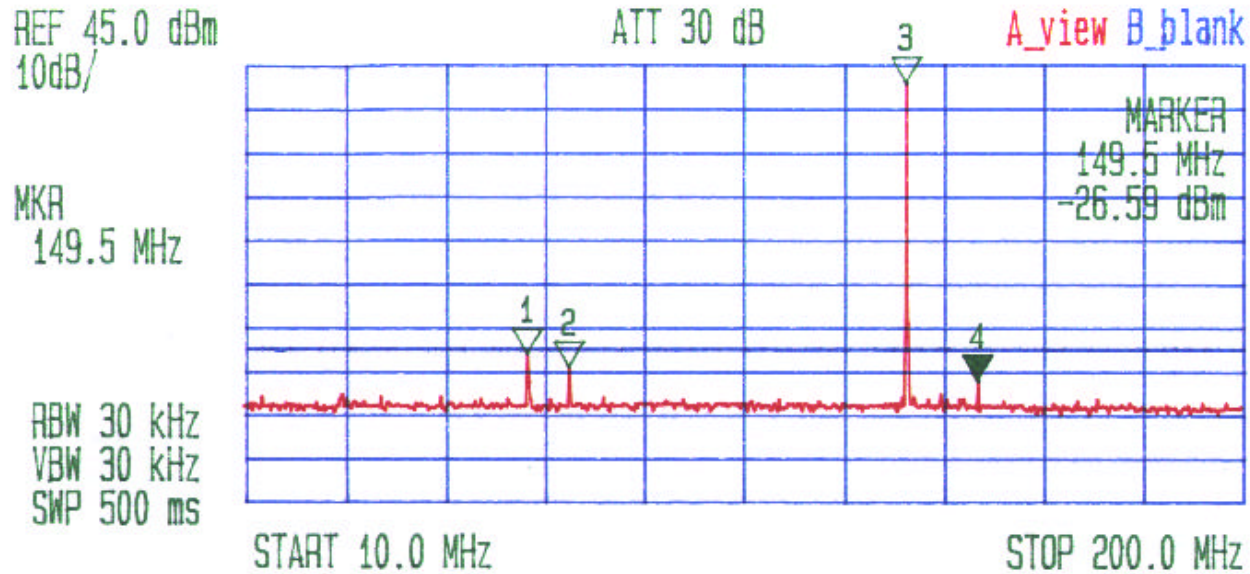
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23 2000
Tested by: Hung Trinh



***** Multi Marker List *****

No.1:	63.7 MHz	-20.84 dBm	A
No.2:	71.9 MHz	-23.78 dBm	A
No.3:	135.9 MHz	41.13 dBm	A
No.4:	149.5 MHz	-26.59 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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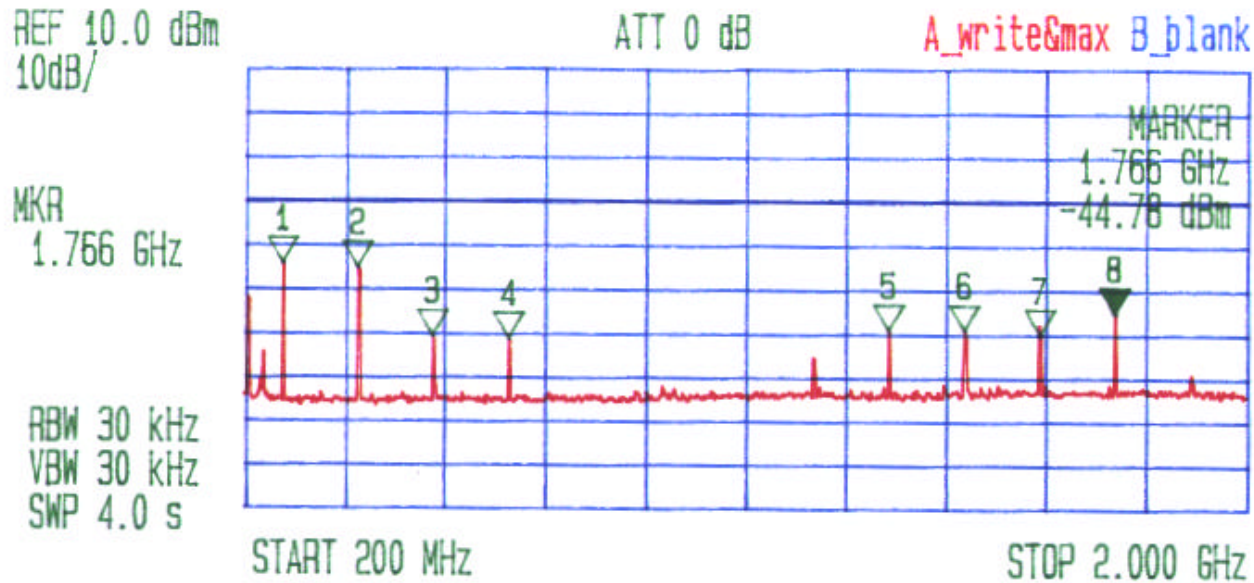
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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	269 MHz	-33.66 dBm	A
No.2:	406 MHz	-34.97 dBm	A
No.3:	542 MHz	-50.22 dBm	A
No.4:	678 MHz	-50.88 dBm	A
No.5:	1.360 GHz	-48.72 dBm	A
No.6:	1.496 GHz	-48.72 dBm	A
No.7:	1.632 GHz	-49.81 dBm	A
No.8:	1.766 GHz	-44.78 dBm	A
Δ:			



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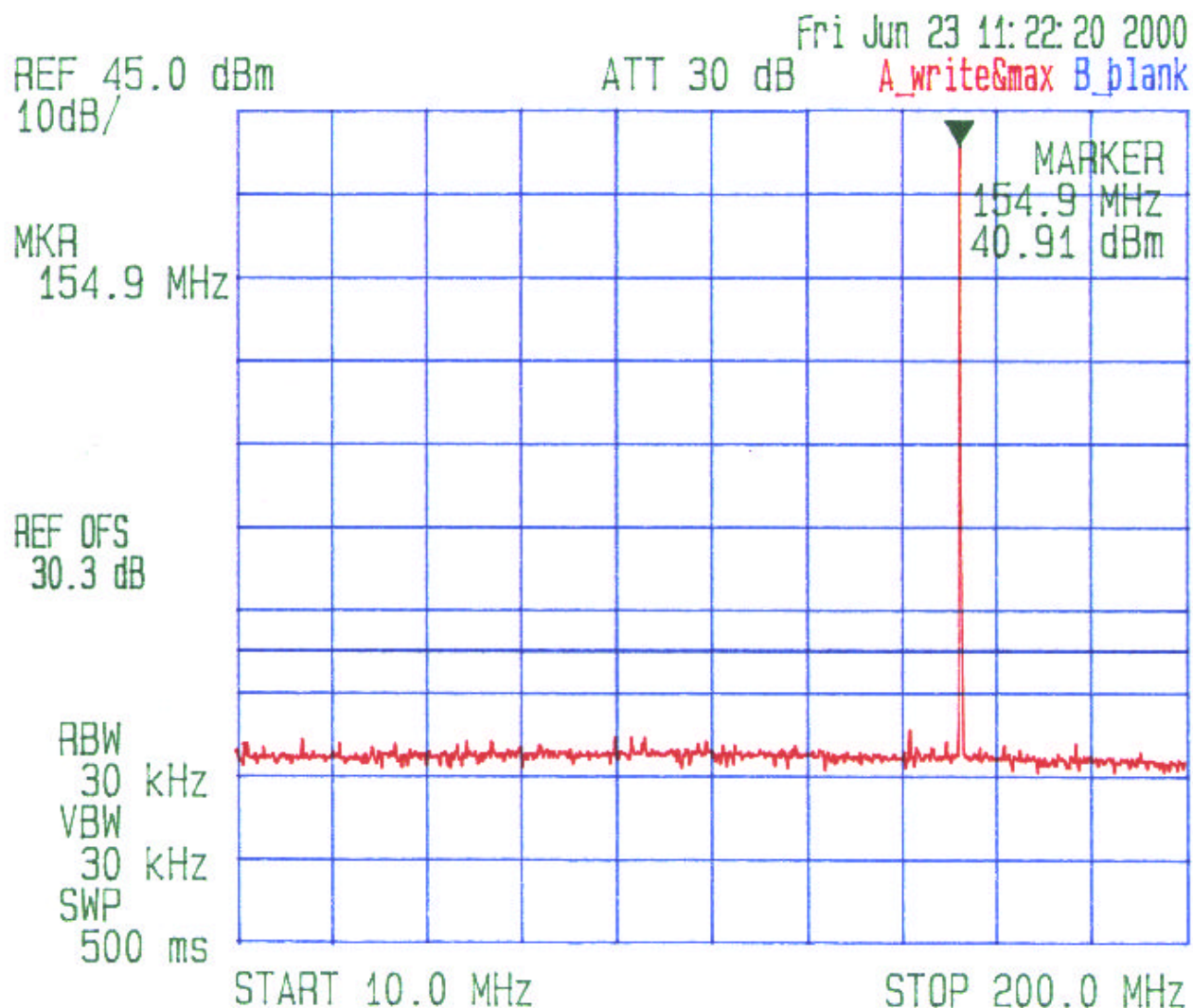
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23, 2000
Tested by: Hung Trinh



FUTURECOM SYSTEMS GROUP INC.

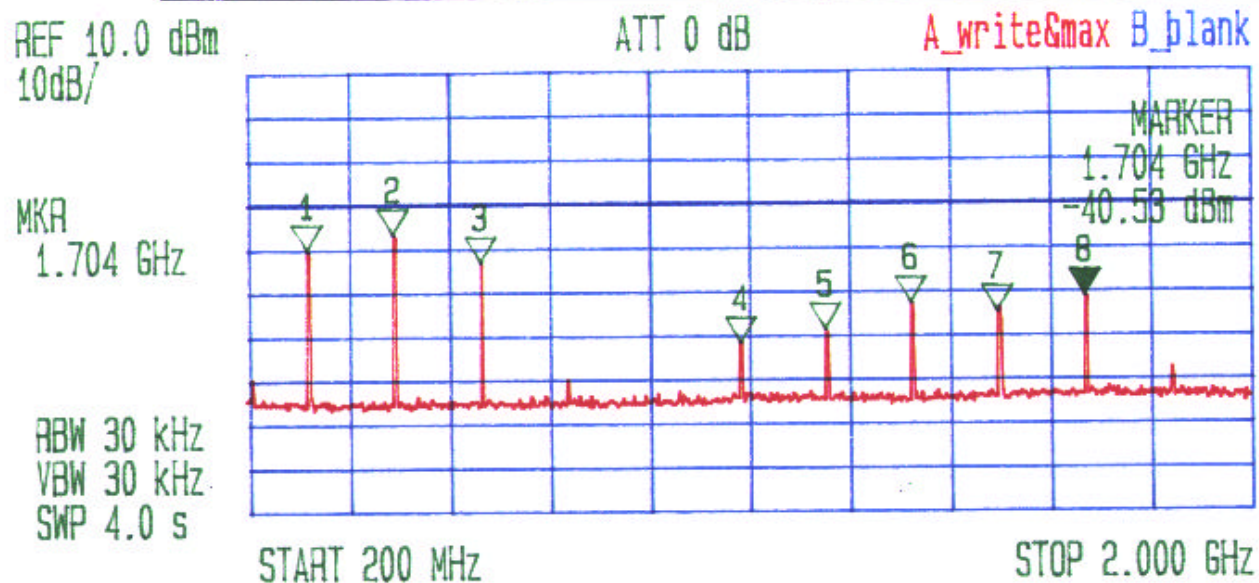
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	308 MHz	-29.88 dBm	A
No.2:	462 MHz	-26.13 dBm	A
No.3:	619 MHz	-32.97 dBm	A
No.4:	1.087 GHz	-51.50 dBm	A
No.5:	1.239 GHz	-48.47 dBm	A
No.6:	1.393 GHz	-42.41 dBm	A
No.7:	1.547 GHz	-44.47 dBm	A
No.8:	1.704 GHz	-40.53 dBm	A
Δ:			



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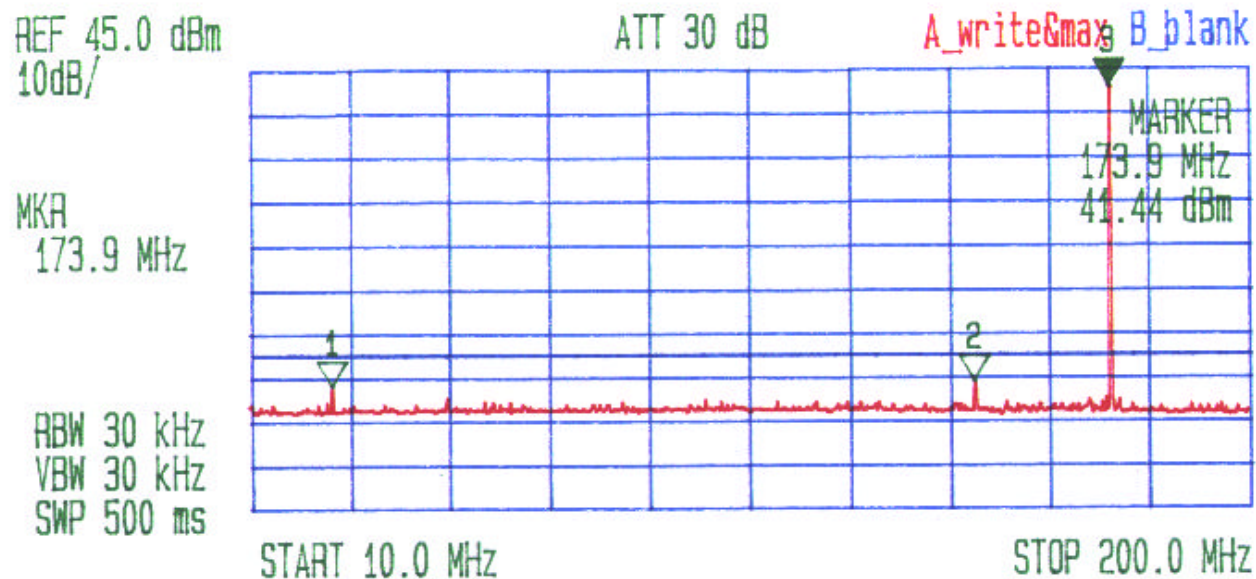
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 174 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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23 2000
Tested by: Hung Trinh



***** Multi Marker List *****

No.1:	25.7 MHz	-26.78 dBm	A
No.2:	147.9 MHz	-25.75 dBm	A
No.3:	173.9 MHz	41.44 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 174 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

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 23 2000

Tested by: Hung Trinh

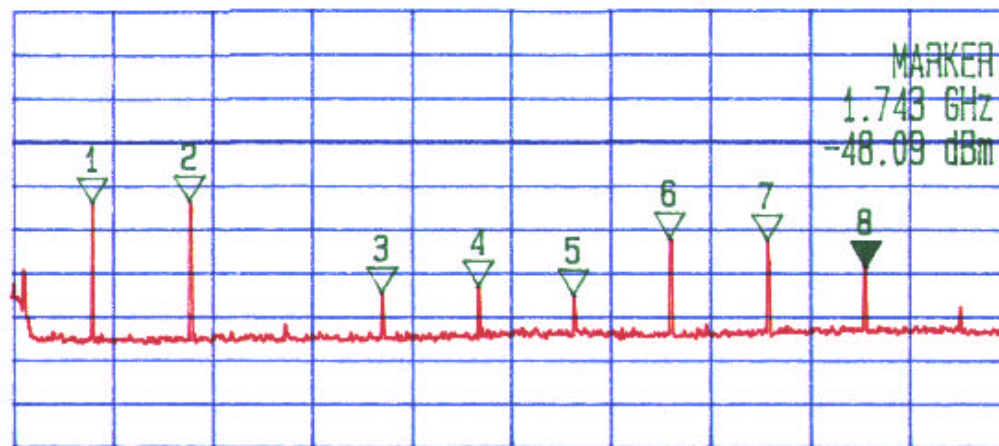
REF 10.0 dBm
10dB/

ATT 0 dB

A_write&max B_blank

MKR
1.743 GHz

RBW 30 kHz
VBW 30 kHz
SWP 4.0 s



START 200 MHz

STOP 2.000 GHz

*** Multi Marker List ***

No.1:	347 MHz	-33.59 dBm	A
No.2:	521 MHz	-33.38 dBm	A
No.3:	869 MHz	-54.41 dBm	A
No.4:	1.043 GHz	-52.66 dBm	A
No.5:	1.216 GHz	-54.78 dBm	A
No.6:	1.391 GHz	-41.75 dBm	A
No.7:	1.565 GHz	-42.19 dBm	A
No.8:	1.743 GHz	-48.09 dBm	A
Δ:			



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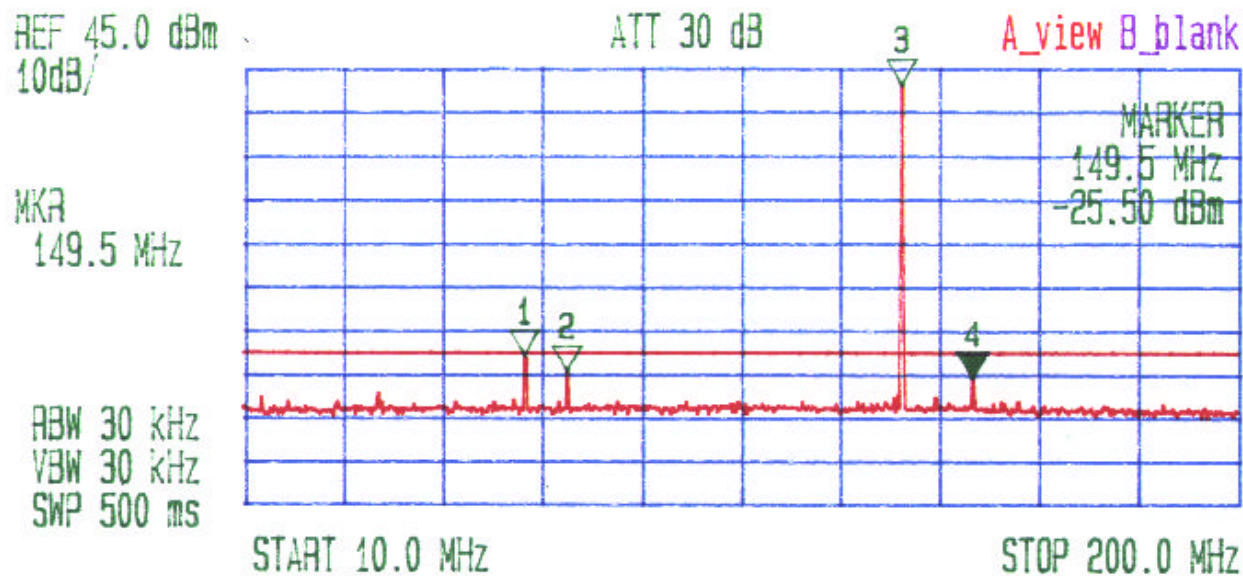
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 136 MHz, Power Rating: 10 W, Channel Spacing: 2.5 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	63.7 MHz	-20.47 dBm	A
No.2:	71.9 MHz	-23.78 dBm	A
No.3:	135.9 MHz	41.63 dBm	A
No.4:	149.5 MHz	-25.50 dBm	A
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

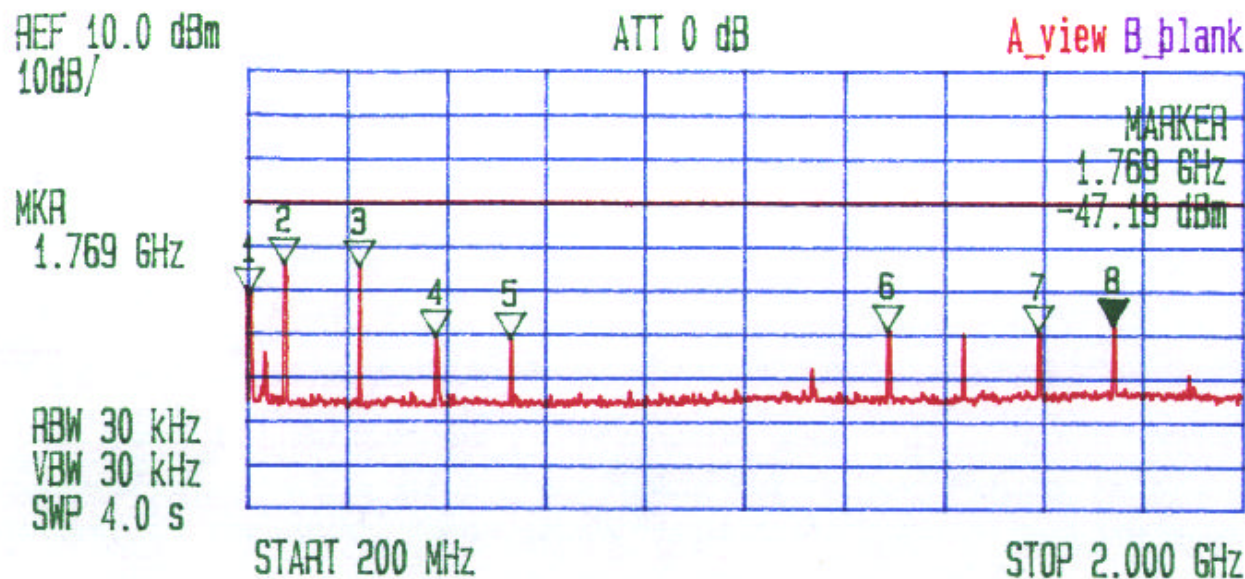
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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 1.36 MHz, Power Rating: 10 W, Channel Spacing: 25 kHz
Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	205 MHz	-40.72 dBm	A
No.2:	269 MHz	-33.94 dBm	A
No.3:	406 MHz	-34.31 dBm	A
No.4:	542 MHz	-50.44 dBm	A
No.5:	678 MHz	-50.69 dBm	A
No.6:	1.360 GHz	-48.72 dBm	A
No.7:	1.632 GHz	-48.78 dBm	A
No.8:	1.769 GHz	-47.19 dBm	A
Δ:			



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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

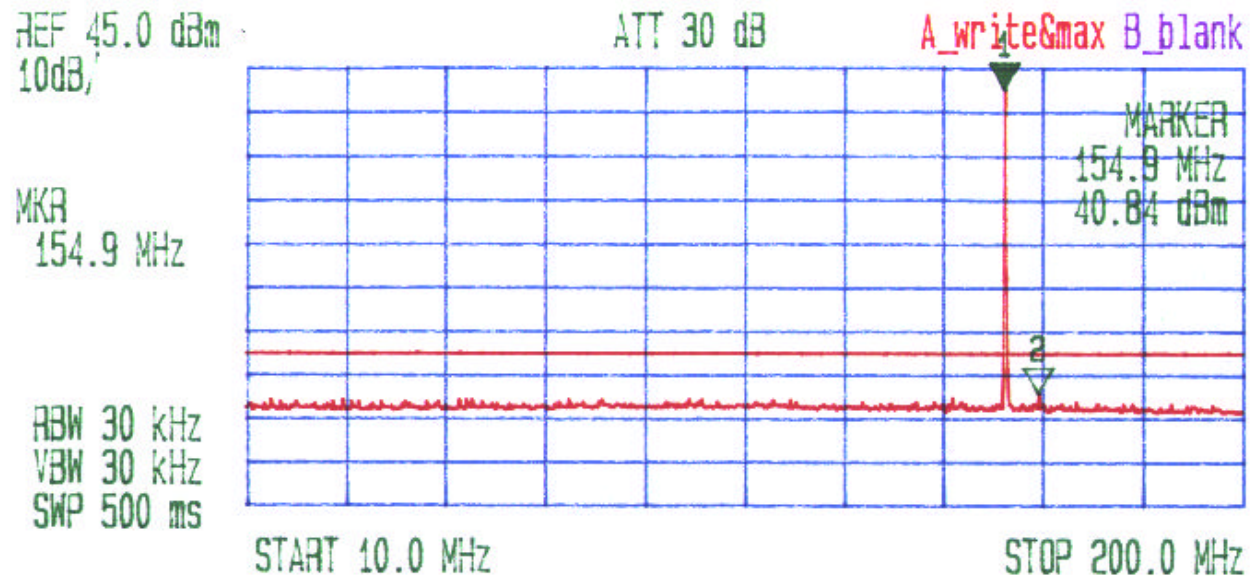
Frequency: 155 MHz, Power Rating: 10 W, Channel Spacing: 25 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27 2000

Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	154.9 MHz	40.84 dBm	A
No.2:	161.5 MHz	-28.59 dBm	A
No.3:			
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			

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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

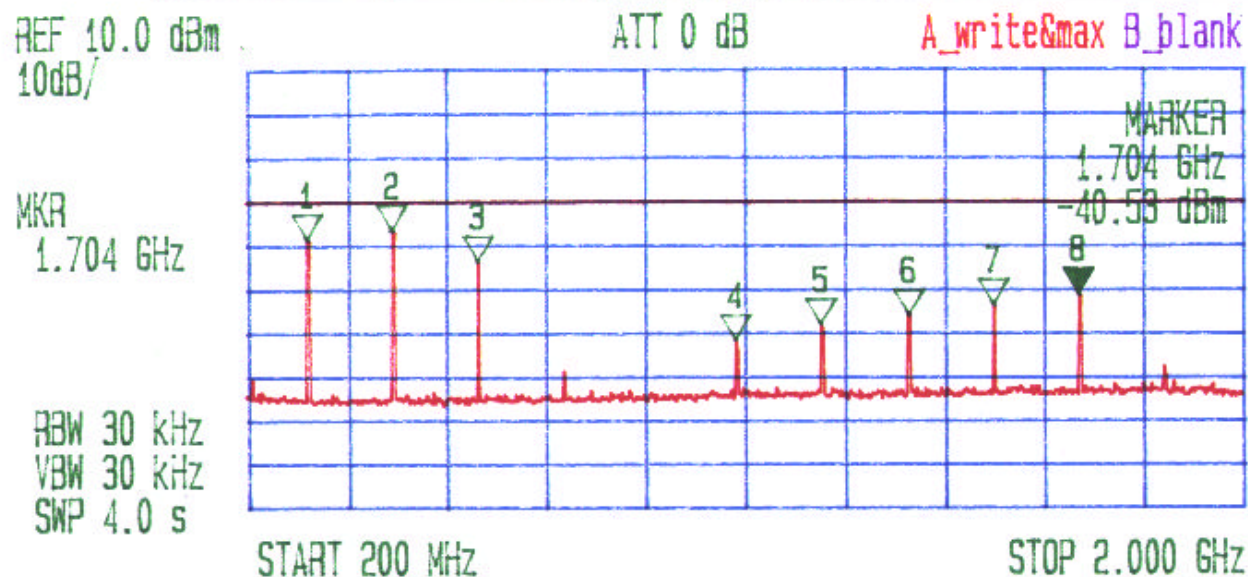
Frequency: 155 MHz, Power Rating: 10 W, Channel Spacing: 25 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27 2000

Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	308 MHz	-28.38 dBm	A
No.2:	462 MHz	-26.19 dBm	A
No.3:	619 MHz	-33.13 dBm	A
No.4:	1.085 GHz	-51.38 dBm	A
No.5:	1.239 GHz	-47.75 dBm	A
No.6:	1.396 GHz	-45.53 dBm	A
No.7:	1.550 GHz	-43.34 dBm	A
No.8:	1.704 GHz	-40.53 dBm	A
Δ:			

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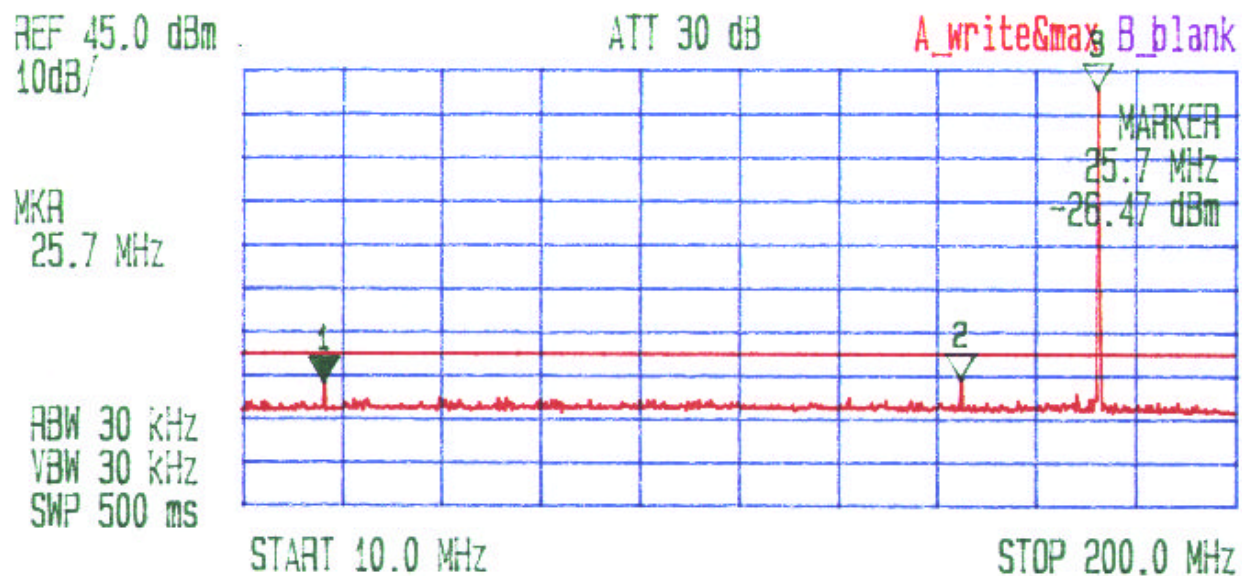
MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

Frequency: 174 MHz, Power Rating: 10 W, Channel Spacing: 25 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27 2000
Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	25.7 MHz	-26.47 dBm	A
No.2:	147.9 MHz	-25.28 dBm	A
No.3:	173.9 MHz	41.44 dBm	A
No.4:			
No.5:			
No.6:			
No.7:			
No.8:			
Δ:			



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MOBEXCOM-VEHICULAR REPEATER, VHF 136 – 174 MHz

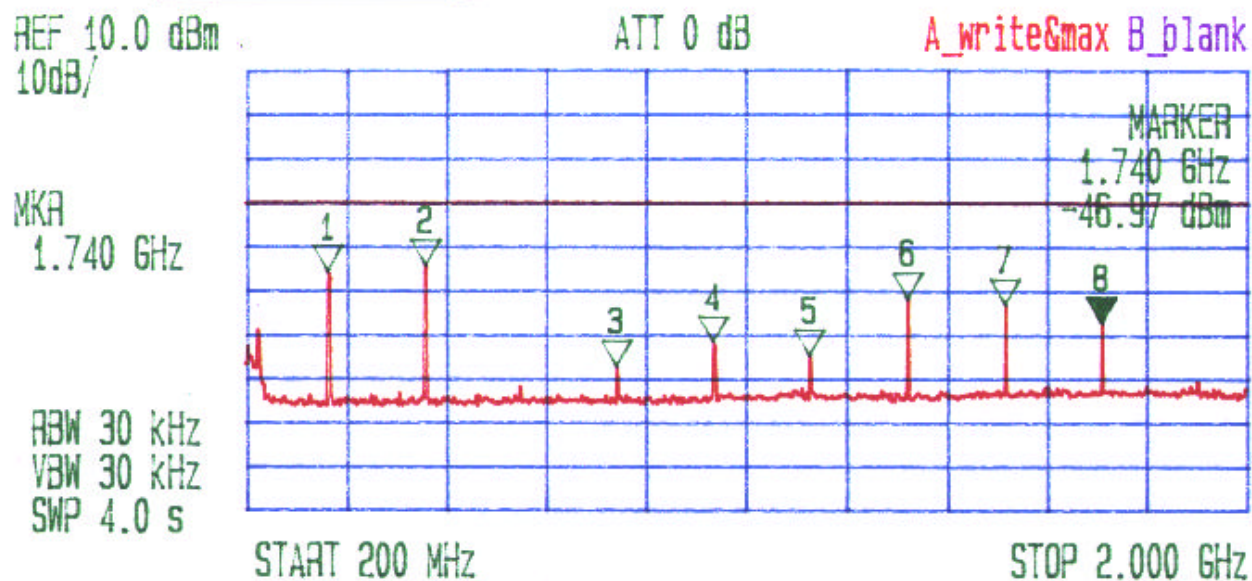
Frequency: 1.74 MHz, Power Rating: 10 W, Channel Spacing: 25 kHz

Modulation: FM Modulation with 2.5 kHz Sine Wave Signal, Freq.Dev.: 4 kHz

TRANSMITTER ANTENNA POWER CONDUCTED EMISSIONS

Date: June 27, 2000

Tested by: Hung Trinh



*** Multi Marker List ***

No.1:	347 MHz	-35.03 dBm	A
No.2:	524 MHz	-33.84 dBm	A
No.3:	869 MHz	-56.53 dBm	A
No.4:	1.043 GHz	-51.47 dBm	A
No.5:	1.216 GHz	-54.31 dBm	A
No.6:	1.391 GHz	-41.38 dBm	A
No.7:	1.565 GHz	-42.84 dBm	A
No.8:	1.740 GHz	-46.97 dBm	A
Δ:			