



 **WIRELESS PRODUCTS**

MPD TECHNOLOGIES, INC.

a subsidiary of Microwave Power Devices, Inc.

49 WIRELESS BOULEVARD

HAUPPAUGE, NEW YORK 11788-3935

(516) 231-1400 Fax: (516) 231-8081

July 10, 2001

Mr. Frank Coperich
Federal Communications Commission
Office of Engineering & Technology
7435 Oakland Mills Road
Gate A
Columbia MD 21046

Dear Mr. Frank Coperich:

This enclosure contains the two-tone data for CDMA and TDMA that was not included in the report under 731 Confirmation Number EA92309 for MPD amplifier Model FFPA8689-60. It is our understanding from previous discussions with you, two-tone data criteria is to provide two-tones that would produce 3rd order IMD's that would fall out of the 869-894 MHz transmit cellular band and the other 3rd order IMD's that would be in the 869-894 MHz transmit band. The data provided has both input and output plots for CDMA & TDMA.

If there are any other questions, please feel free to contact us.

Best Regards

Patrick K. Madigan
Application & Project Engineer
Wireless Products



WIRELESS PRODUCTS

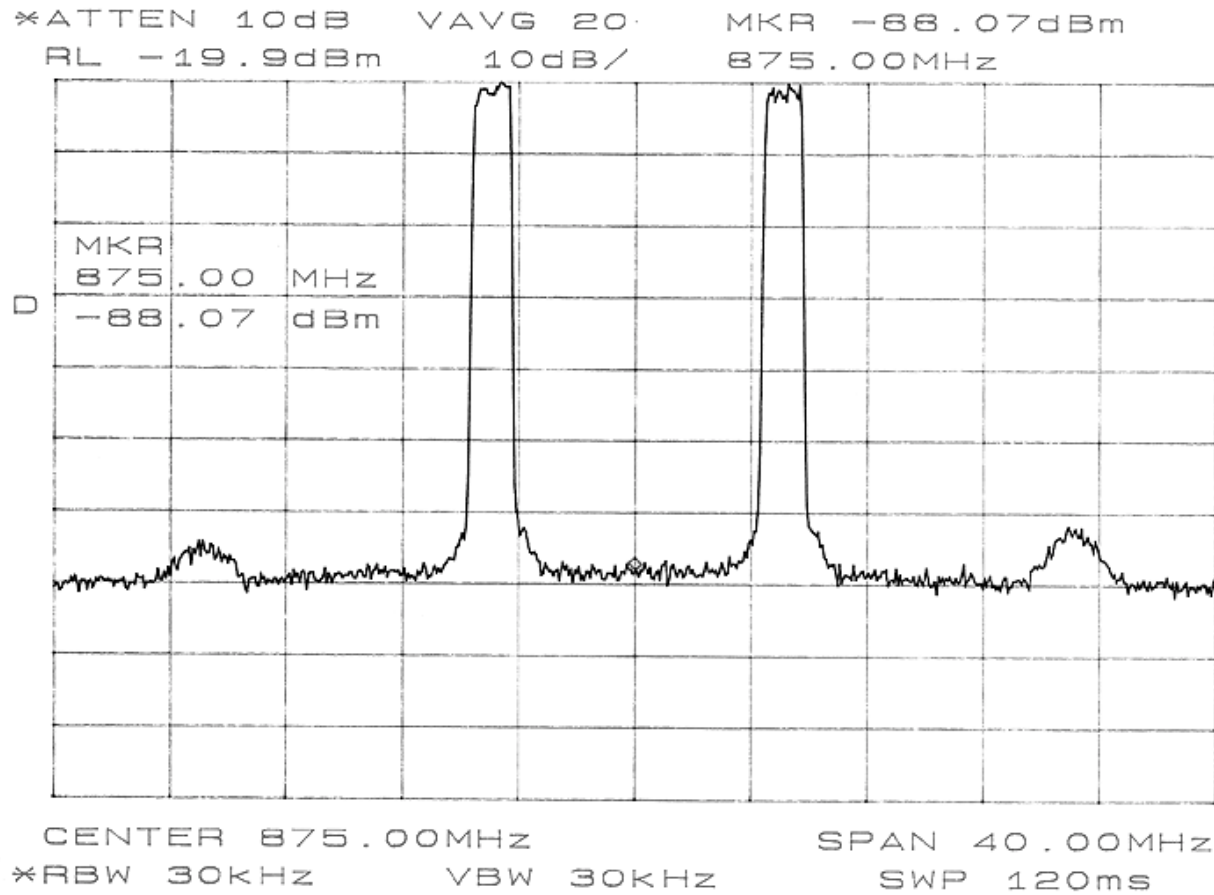
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Model FFPA8689-60

Two Tone CDMA Input



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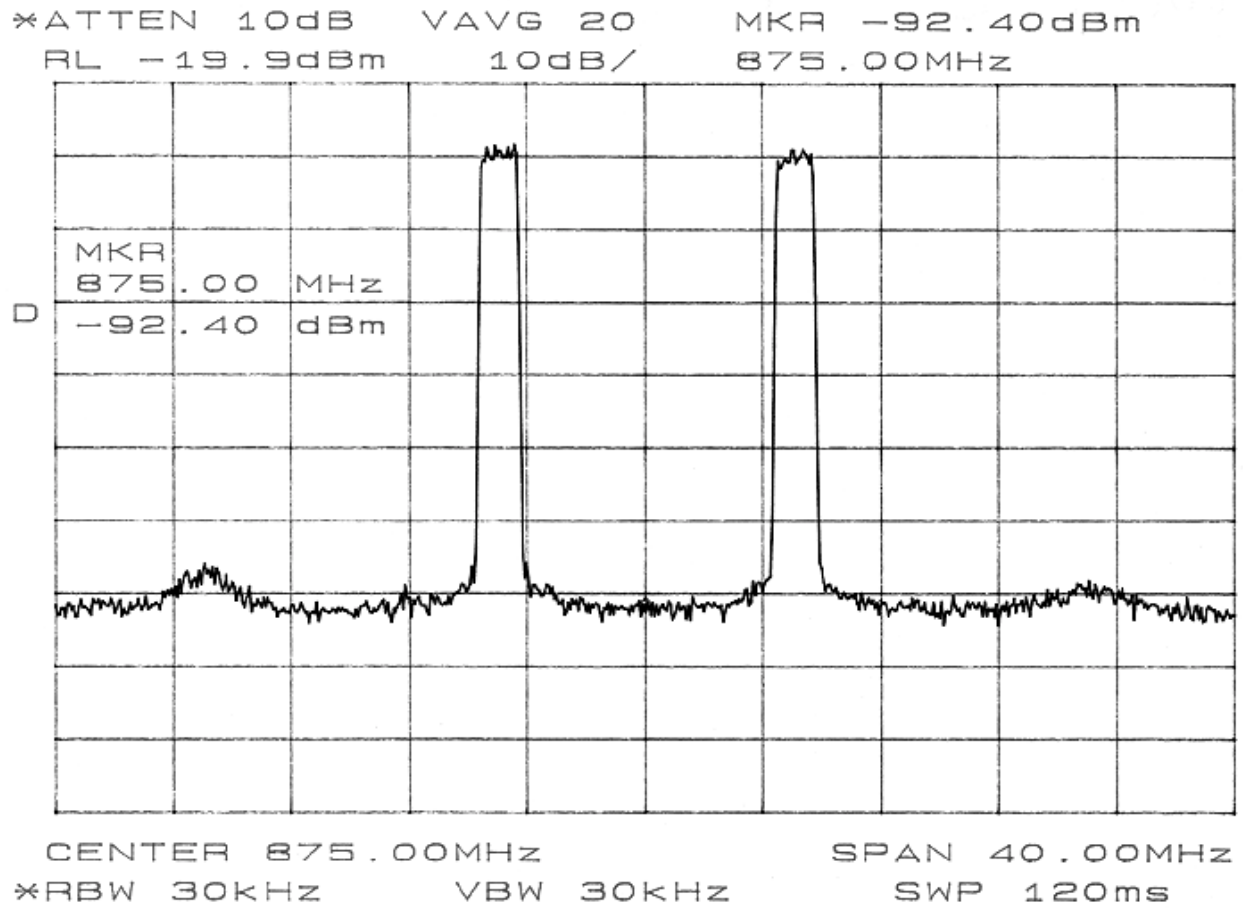
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Model FFPA 8689-60

Two Tone CDMA Output



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18: 14: 08 22 OCT 1998

REF -20.0 dBm

#AT 20 dB

MKR 875.00 MHz

-87.73 dBm

REF LVL

SMPL

LOG

10

dB/

ATTEN
AUTO MAN

REF LEVEL
-20.0 dBm

SCALE
LOG LIN

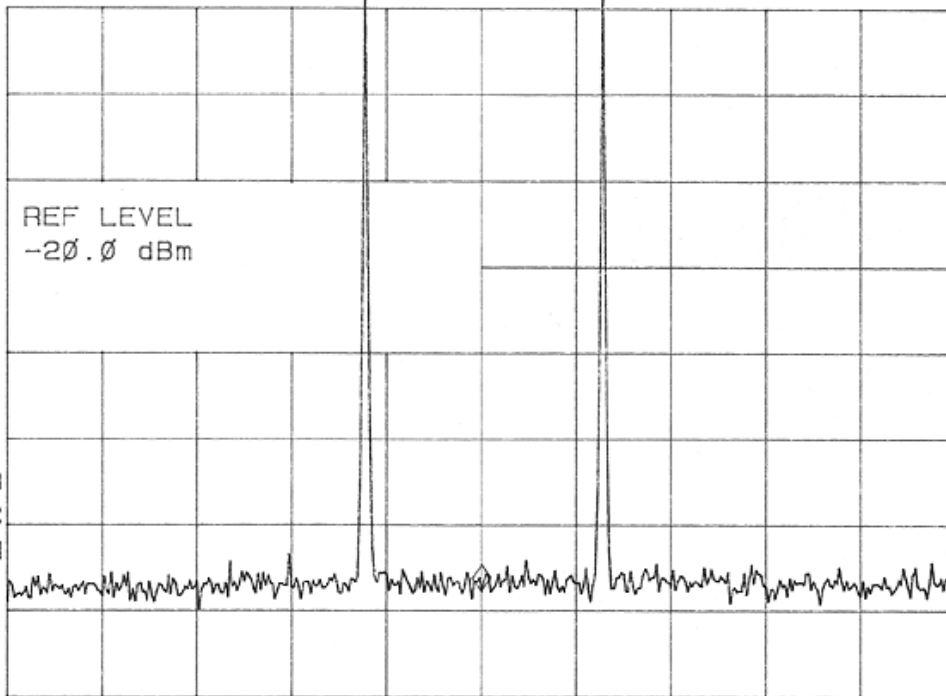
AVG

10

WA SB

SC FC

CORR



More
1 of 3

CENTER 875.00 MHz

#RES BW 30 kHz

SPAN 40.00 MHz

#VBW 30 kHz

SWP 133 msec

Model FFPA8689-60

Two Tone TDMA Input



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17:56:59 22 OCT 1998

17

MKR 875.00 MHz

REF -16.0 dBm

#AT 20 dB

-87.30 dBm

REF LVL

SMPL

LOG

10

dB/

REF LEVEL

-16.0 dBm

ATTEN

AUTO MAN

SCALE

LOG LIN

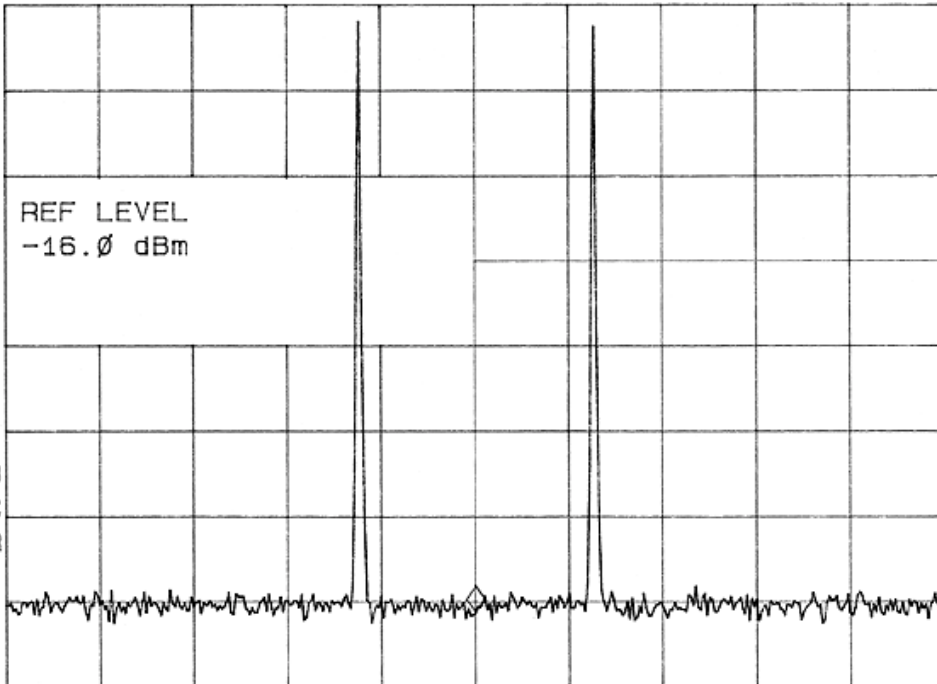
AVG

10

WA SB

SC FC

CORR



More
1 of 3

CENTER 875.00 MHz

#RES BW 30 kHz

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SWP 133 msec

Model FFPA8689-60

Two Tone TDMA Output