

ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 1

FCC ID: AFJIC-M88



ICOM AMERICA.

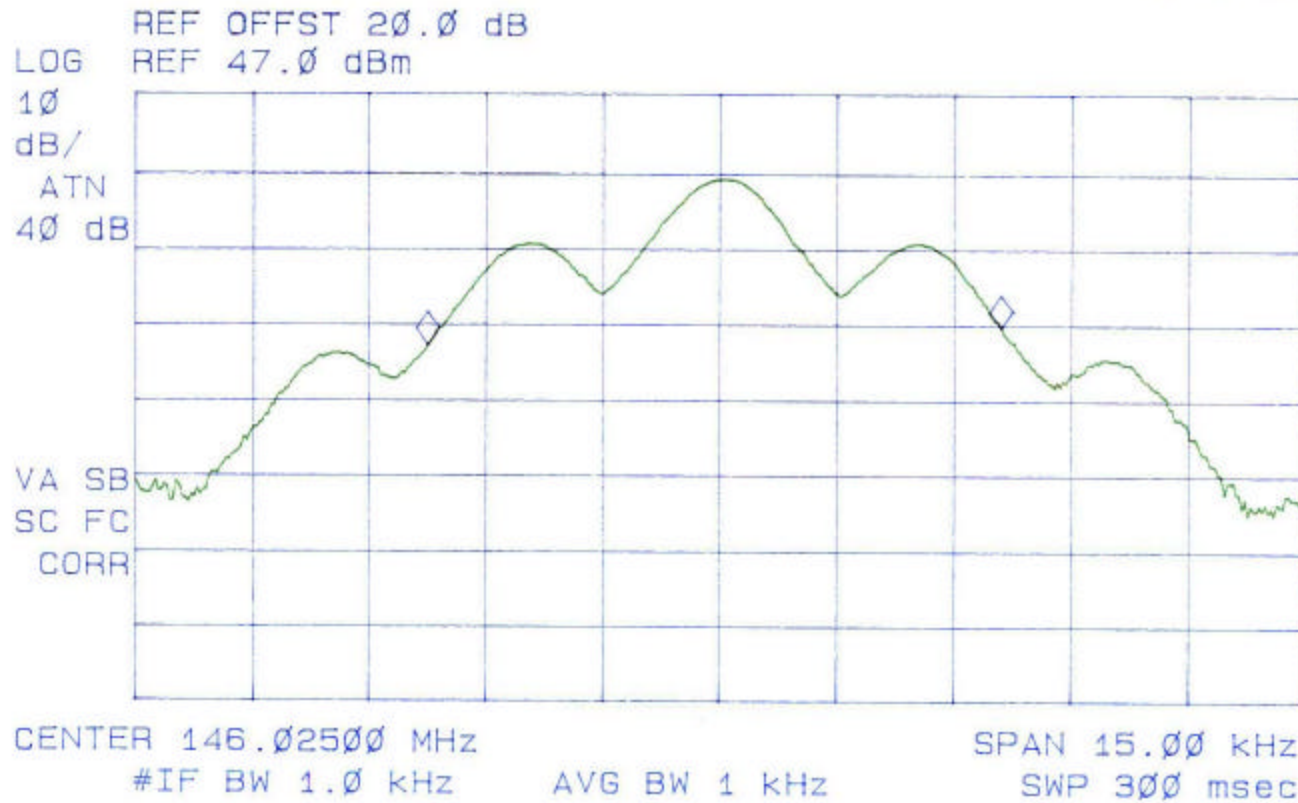
5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

TX CH: A4, FREQUENCY 146.025 MHz, OUTPUT POWER 37.21 dBm.
CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.71 KHz
99% OBW.

Date: Oct 07 2002
Tested By: Wayne

Plot #1

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.35 kHz
2.40 dB



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Plot # 2

FCC ID: AFJIC-M88



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5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH SPACING) MODEL IC-M88.

CH: A5 FREQUENCY 160.025 MHz. OUTPUT POWER 37.1 dBm.
CH SPACING 12.5 KHz. MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.7 KHz
99% OBW.

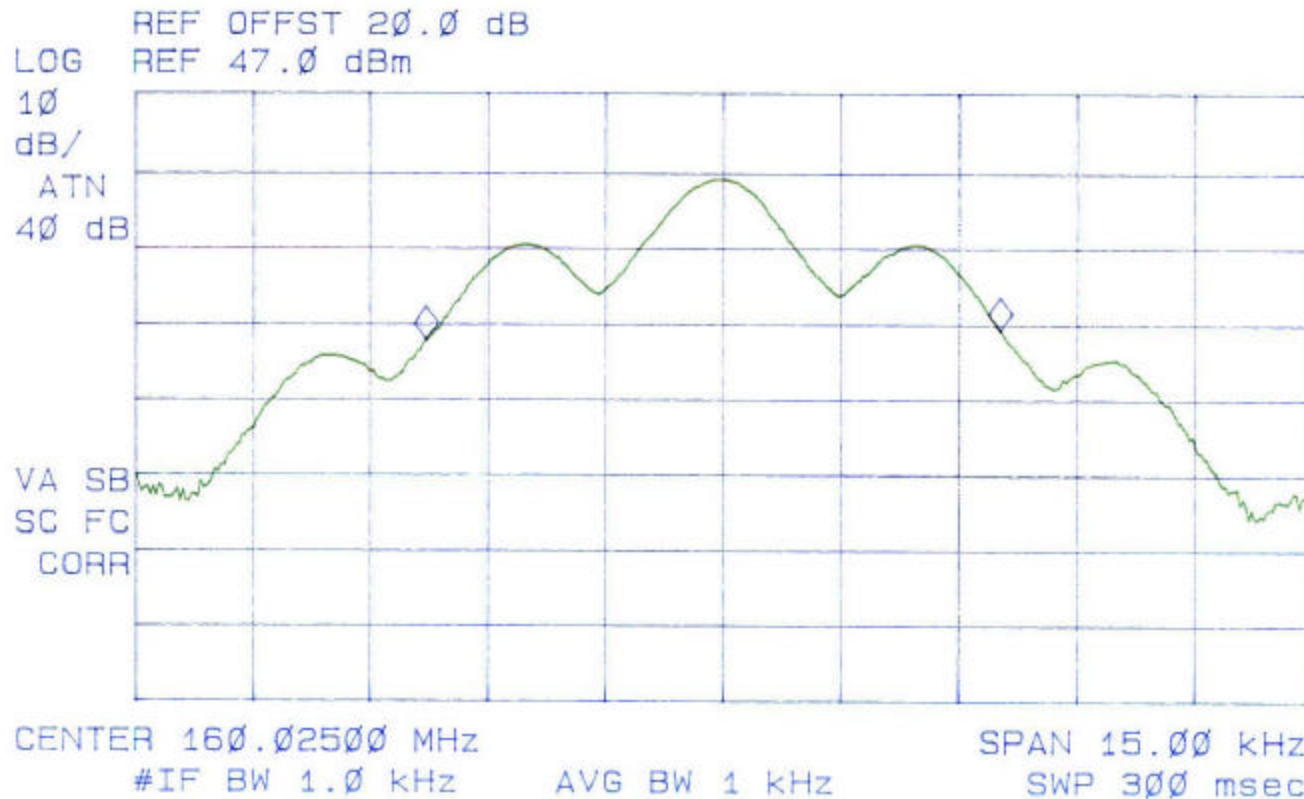
Date: Oct 07 2002

Tested By: Wayne

Plot # 2

hp

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.31 kHz
1.35 dB



ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 3

FCC ID: AFJIC-M88



hp

ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH SPACING) MODEL IC-M88.

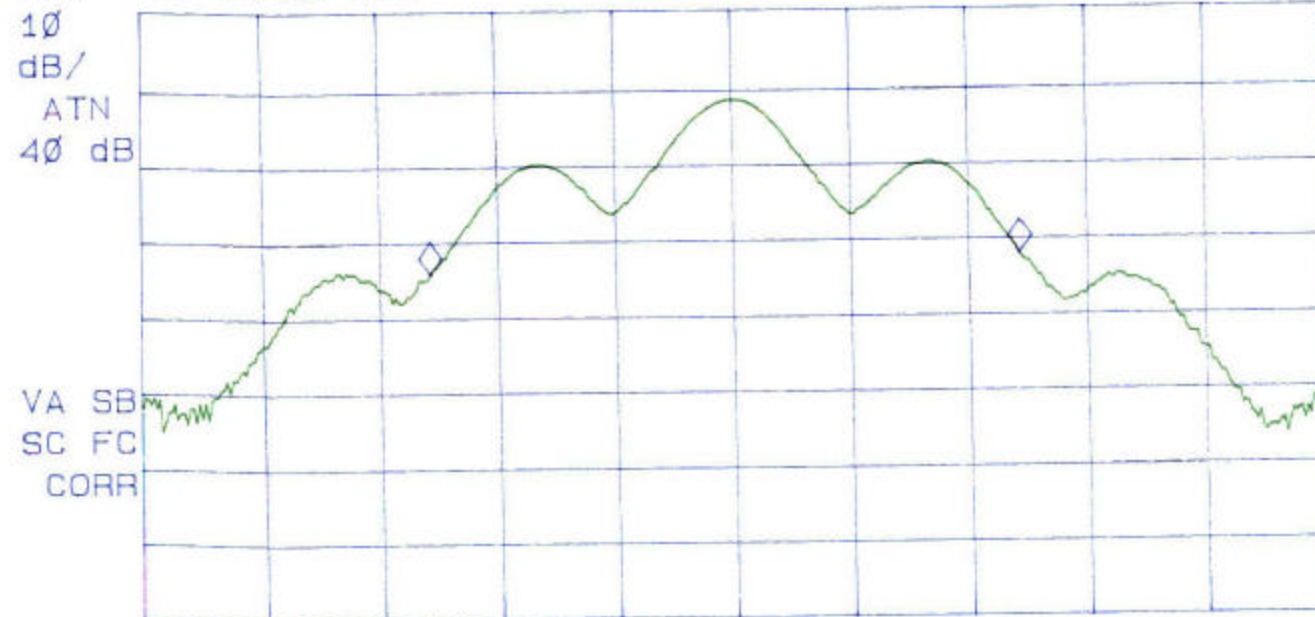
Tx CH: A6 FREQUENCY 173.975 MHz. OUTPUT POWER 36.74 dBm.
CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.71 KHz
99% OBW.

Date: Oct 07 2002
Tested By: Wayne

Plot #3

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 7.50 kHz
2.22 dB

LOG REF OFFST 20.0 dB
REF 47.0 dBm



CENTER 173.97500 MHz

#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 15.00 kHz

SWP 300 msec

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MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 4

FCC ID: AFJIC-M88



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

Tx CH: A1 FREQUENCY 146.025 MHz. OUTPUT POWER 37.2 dBm.
CH SPACING 3.5 KHz. MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 3.43 KHz
99% OBW.

Date: Oct 07 2002

Tested By: Wayne

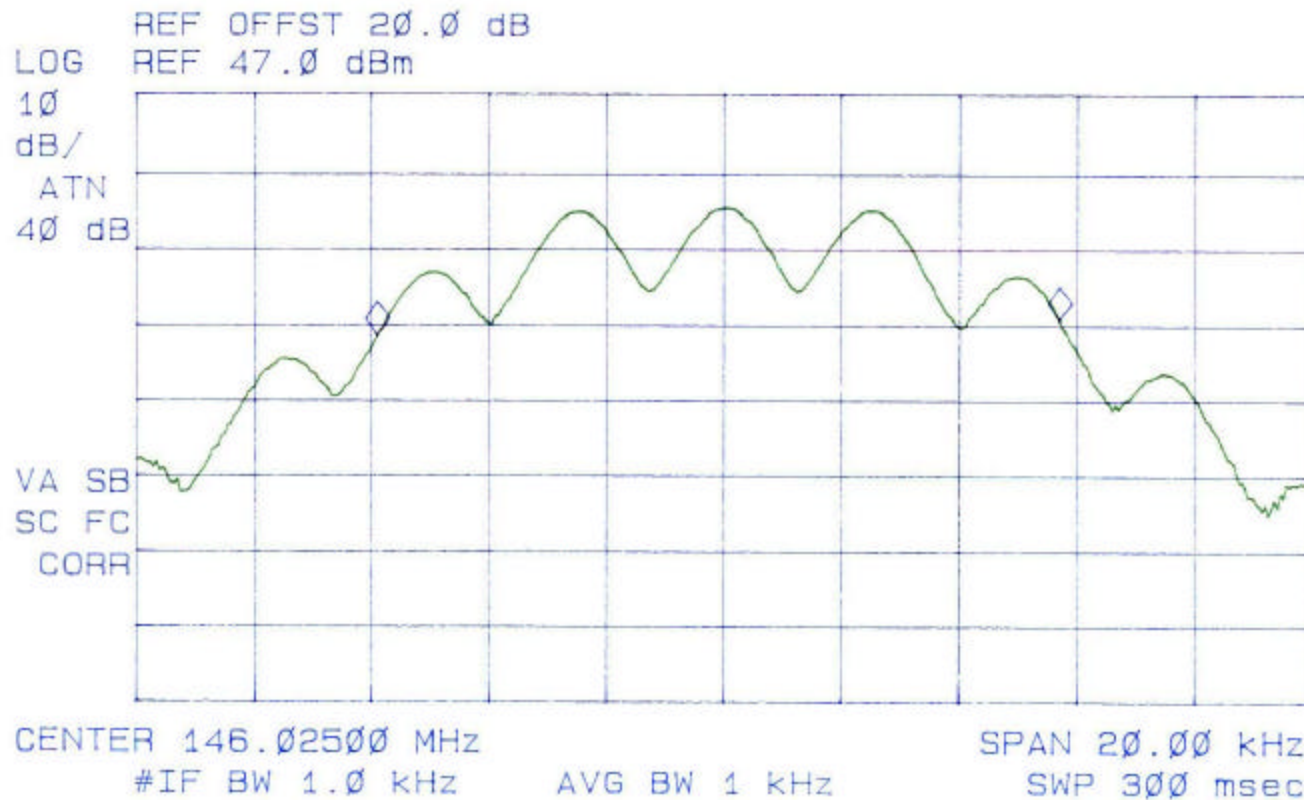
Plot # 4

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 11.60 KHz

2.12 dB



ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot #5

FCC ID: AFJIC-M88



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.
TX CH A2 FREQUENCY 160.025 MHz. OUTPUT POWER 37.1 dBm.
CH SPACING 25 kHz. MOD : FM , 2.5kHz SINE WAVE . FREQUENCY DEV : 3.43 kHz
99% OBW.

Date: Oct 07 2002
Tested By: Wayne

Plot #5

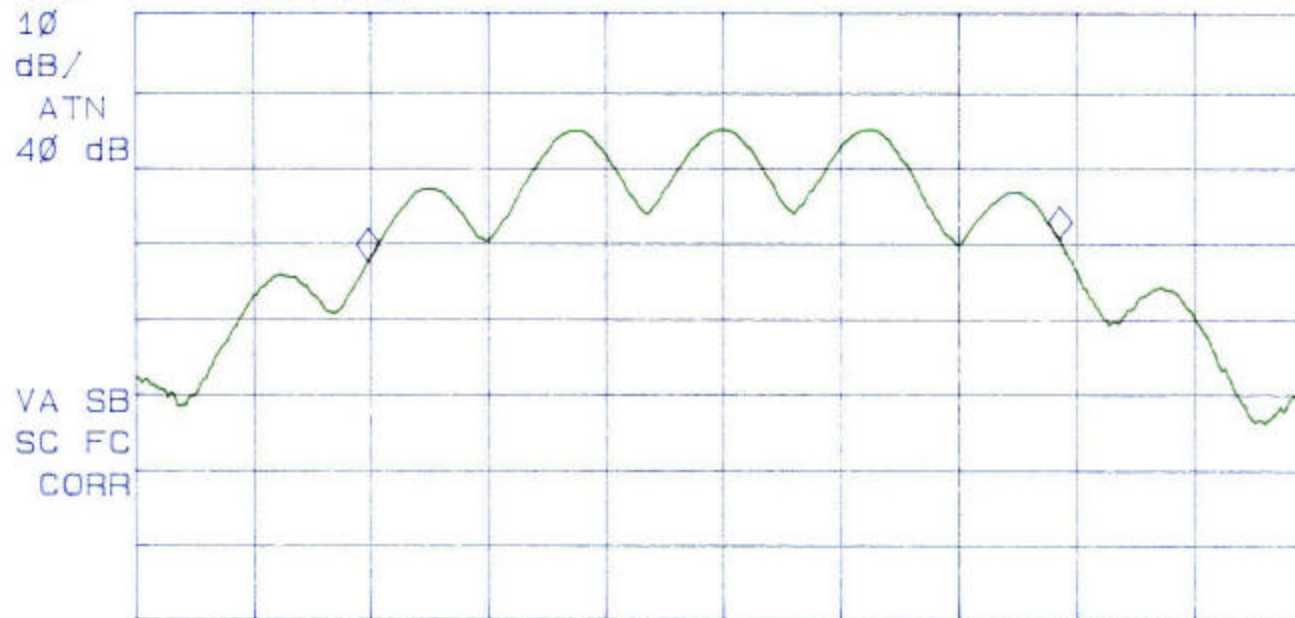
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 11.75 kHz

2.97 dB

REF OFFST 20.0 dB
LOG REF 47.0 dBm



CENTER 160.02500 MHz

#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 20.00 kHz

SWP 300 msec

ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 6

FCC ID: AFJIC-M88



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

TV CH A3 FREQUENCY 173.975 MHz. OUTPUT POWER 36.74 dBm.
CH SPACING 12.5 KHz. MOD : FM , 2.5KHz SINE WAVE , FREQUENCY DEV : 3.43 KHz
99% OBW.

Date: Oct 07 2002

Tested By: Wayne

Plot # 6

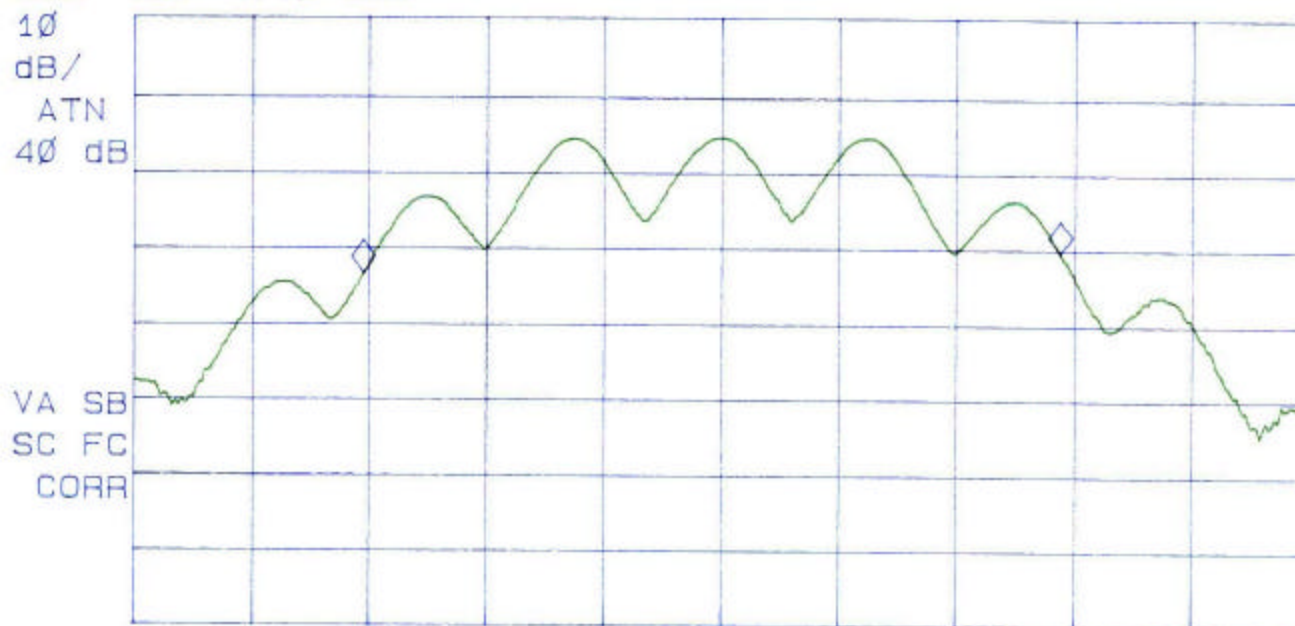
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 11.85 kHz

2.89 dB

REF OFFST 20.0 dB
LOG REF 47.0 dBm



CENTER 173.97500 MHz

#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 20.00 kHz

SWP 300 msec

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MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 7

FCC ID: AFJIC-M88

hp



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

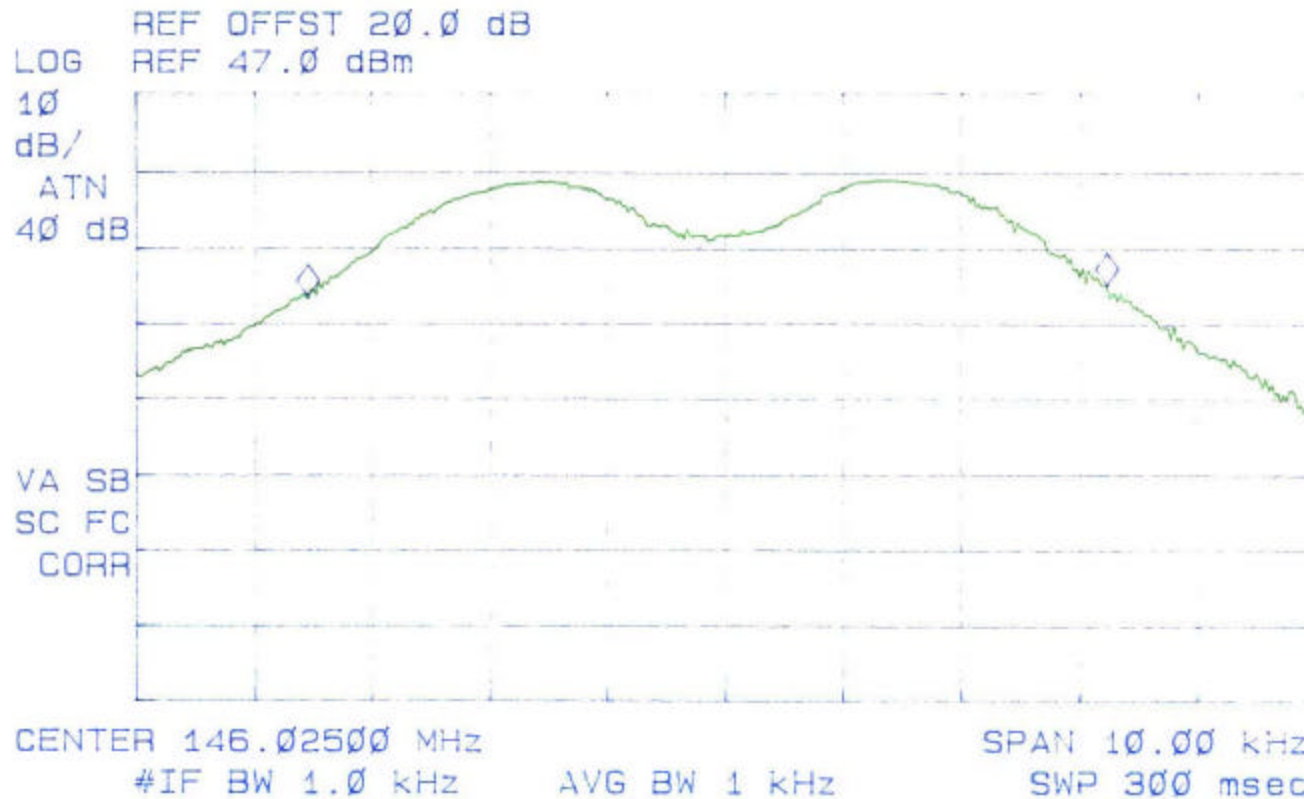
Tx CH: A4, FREQUENCY 146.025 MHz, OUTPUT POWER 37.2 dBm.
CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 3.71 KHz
99% OBW. scrambler

Date: Oct 21 2002

Tested By: Wayne

Plot # 7

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 6.78 kHz
1.68 dB



ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 8

FCC ID: AFJIC-M88



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

TX CH: A5 FREQUENCY 160.025 MHz OUTPUT POWER 37.1 dBm.
CH SPACING 12.5 KHz, MOD : FM , 2.5KHz SINE WAVE , FREQUENCY DEV : 1.71 KHz.
99% OBW.

Date: Oct 21 2002

Tested By: Wayne

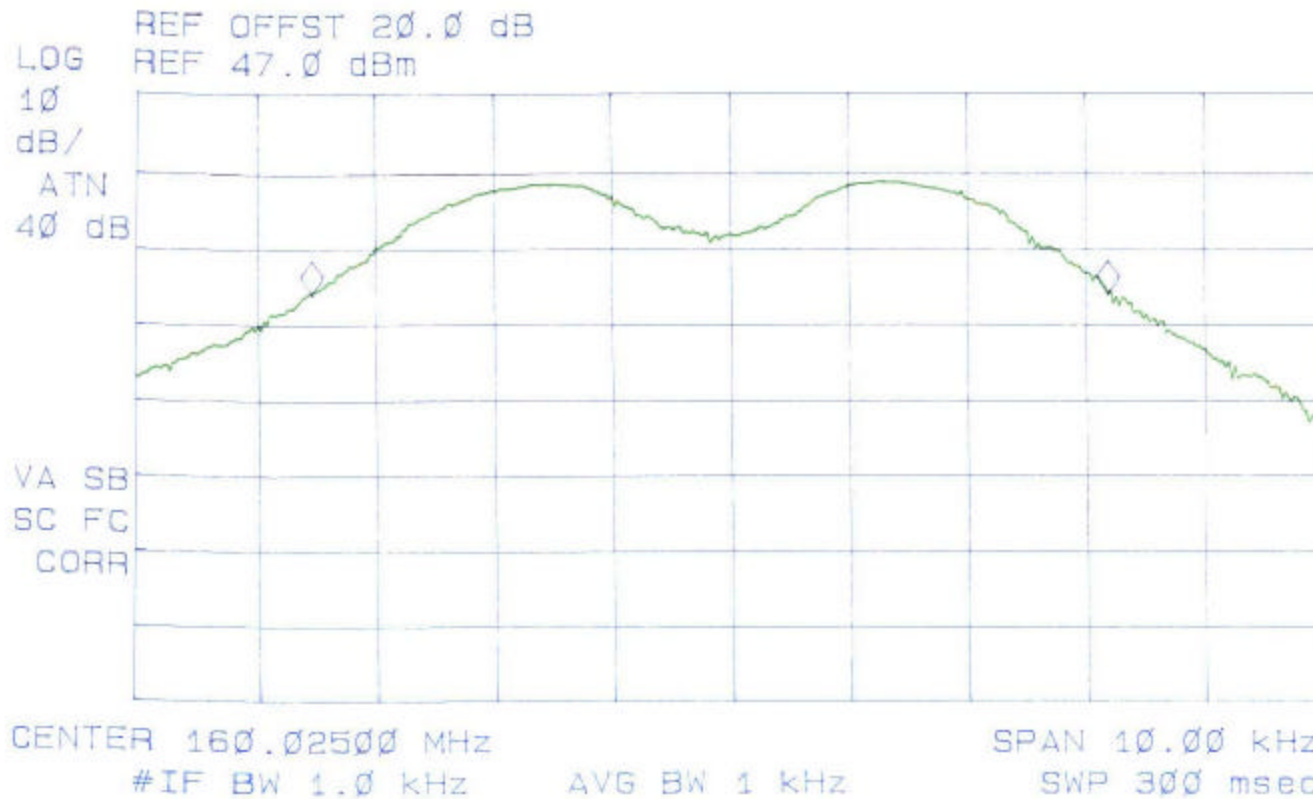
Plot # 8

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 6.73 KHz

-.09 dB



ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 9

FCC ID: AFJIC-M88

hp



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH SPACING) MODEL IC-M88.

TX CH: A6 FREQUENCY 173.975 MHz. OUTPUT POWER _____ dBm.
CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.77 KHz
99% OBW.

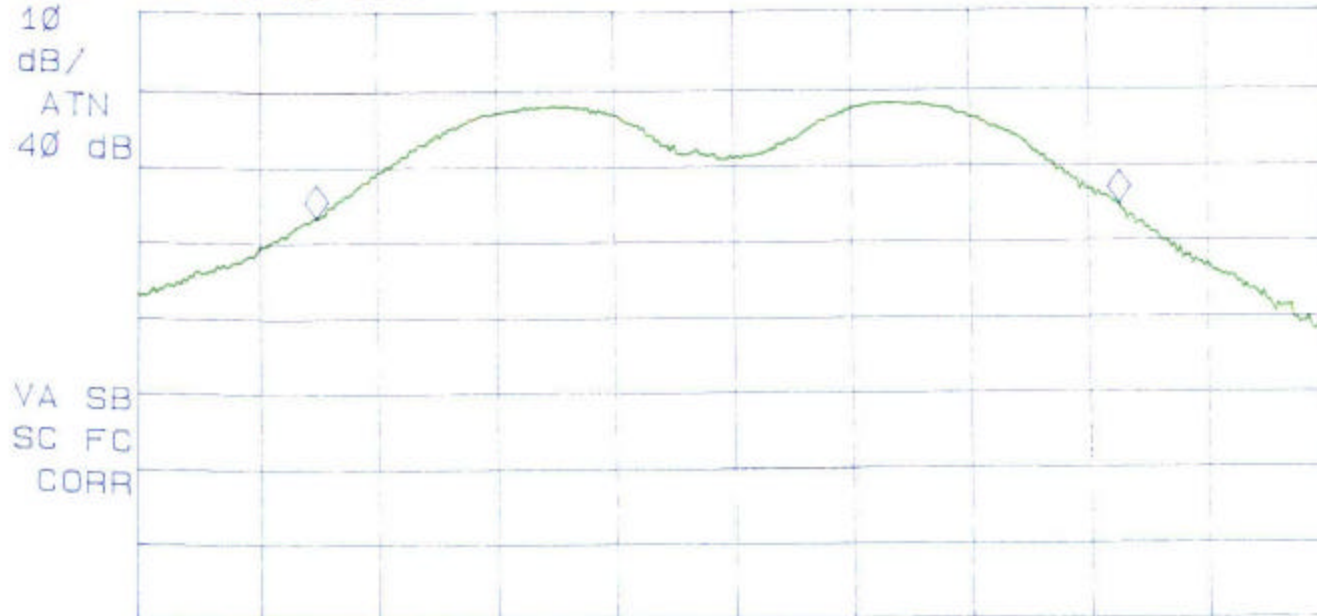
Date: Oct 21 2002

Tested By: Wayne

Plot # 9

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 6.78 kHz
1.48 dB

REF OFFST 20.0 dB
LOG REF 47.0 dBm



CENTER 173.97500 MHz

#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 10.00 kHz

SWP 300 msec

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MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 10

FCC ID: AFJIC-M88



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W ,12.5&25K CH SPACING) MODEL IC-M88.

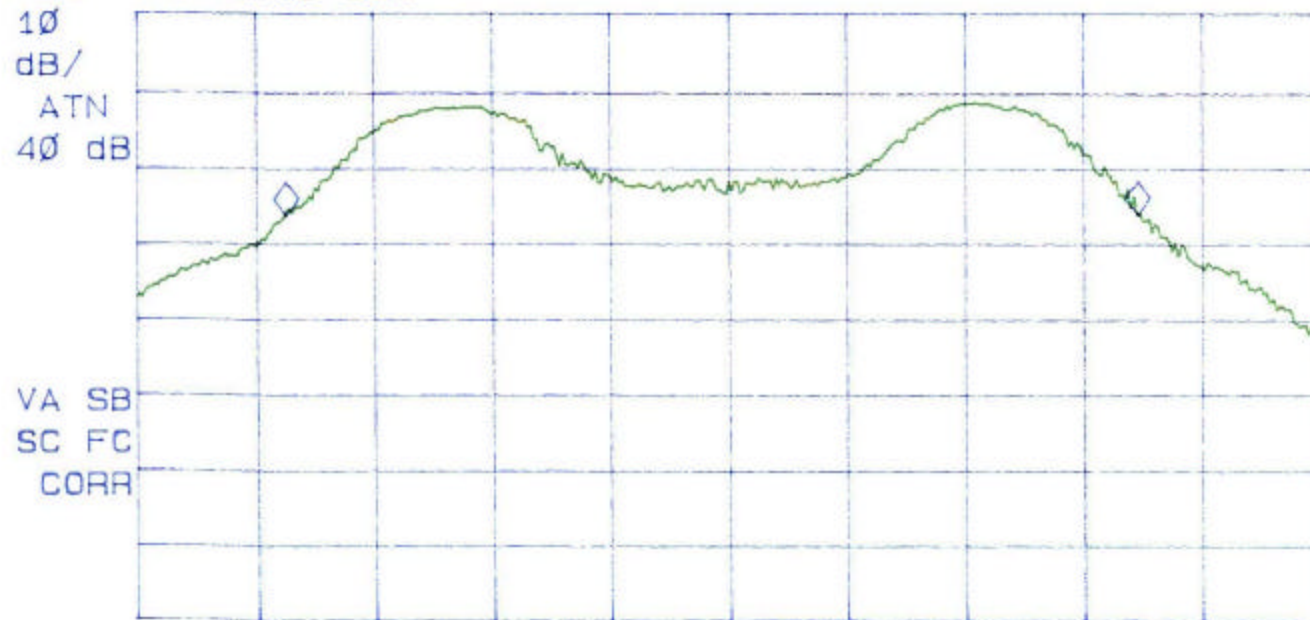
CH: A1 FREQUENCY 146.025 MHz OUTPUT POWER 37.2 dBm.
CH SPACING 2.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : 3.45 KHz
99% OBW. scrambler

Date: Oct 21 2002
Tested By: Wayne

Plot 10

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 10.80 KHz
.16 dB

REF OFFST 20.0 dB
LOG REF 47.0 dBm



CENTER 146.02500 MHz

#IF BW 1.0 KHz

AVG BW 1 KHz

SPAN 15.00 KHz

SWP 300 msec

ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 11

FCC ID: AFJIC-M88

hp



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH SPACING) MODEL IC-M88.

Tx CH: A2 FREQUENCY 160.025 MHz, OUTPUT POWER 47.1 dBm.
CH SPACING 2.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 3.43 KHz
99% OBW, Scrambler

Date: Oct 21, 2002

Tested By: Wayne

Plot 11

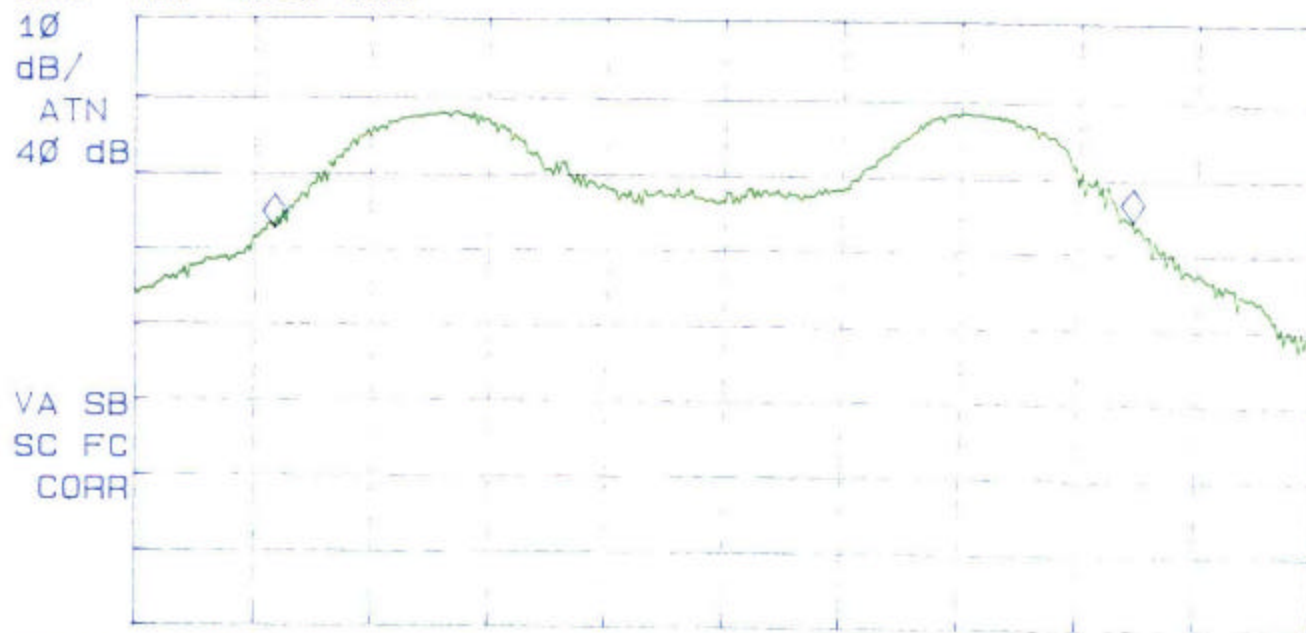
ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 10.91 kHz

1.74 dB

REF OFFST 20.0 dB
LOG REF 47.0 dBm



CENTER 160.02500 MHz

#IF BW 1.0 kHz

AVG BW 1 kHz

SPAN 15.00 kHz

SWP 300 msec

ANNEX 1 - 99% OCCUPIED BANDWIDTH

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 12

FCC ID: AFJIC-M88

hp



ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH SPACING) MODEL IC-M88.

TX CH: A3, FREQUENCY 173.975 MHz, OUTPUT POWER 36.74 dBm,
CH SPACING 2.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 3.43 KHz
99% OBW. *-crambler*

Date: Oct 21 2002
Tested By: Wayne

Plot 12

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 10.84 kHz
1.35 dB

