

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 43

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: A4 FREQUENCY 146.025 MHz. OUTPUT POWER 37.2 dBm.

CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.7 KHz

TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

Plot # 43

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

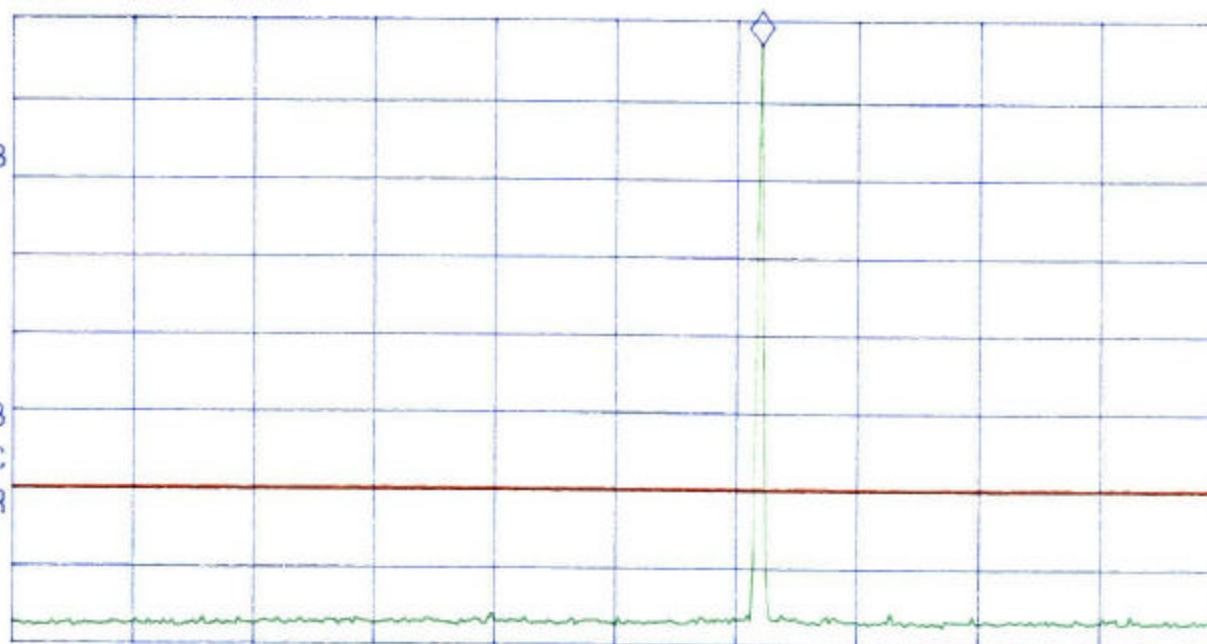
MKR 146.4 MHz

36.91 dBm

REF OFFST 20.0 dB
LOG REF 40.0 dBm

10
dB/
ATN
30 dB

VA SB
SC FC
CORR



START 10.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 230.0 MHz

SWP 220 msec

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 44

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: A4 . FREQUENCY 146.025 MHz. OUTPUT POWER 37.2 dBm.
CH SPACING 12.5 KHz. MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.71 KHz
TRANSMITTER CONDUCTED EMISSION

Date: Oct 07, 2002
Tested By: Wayne

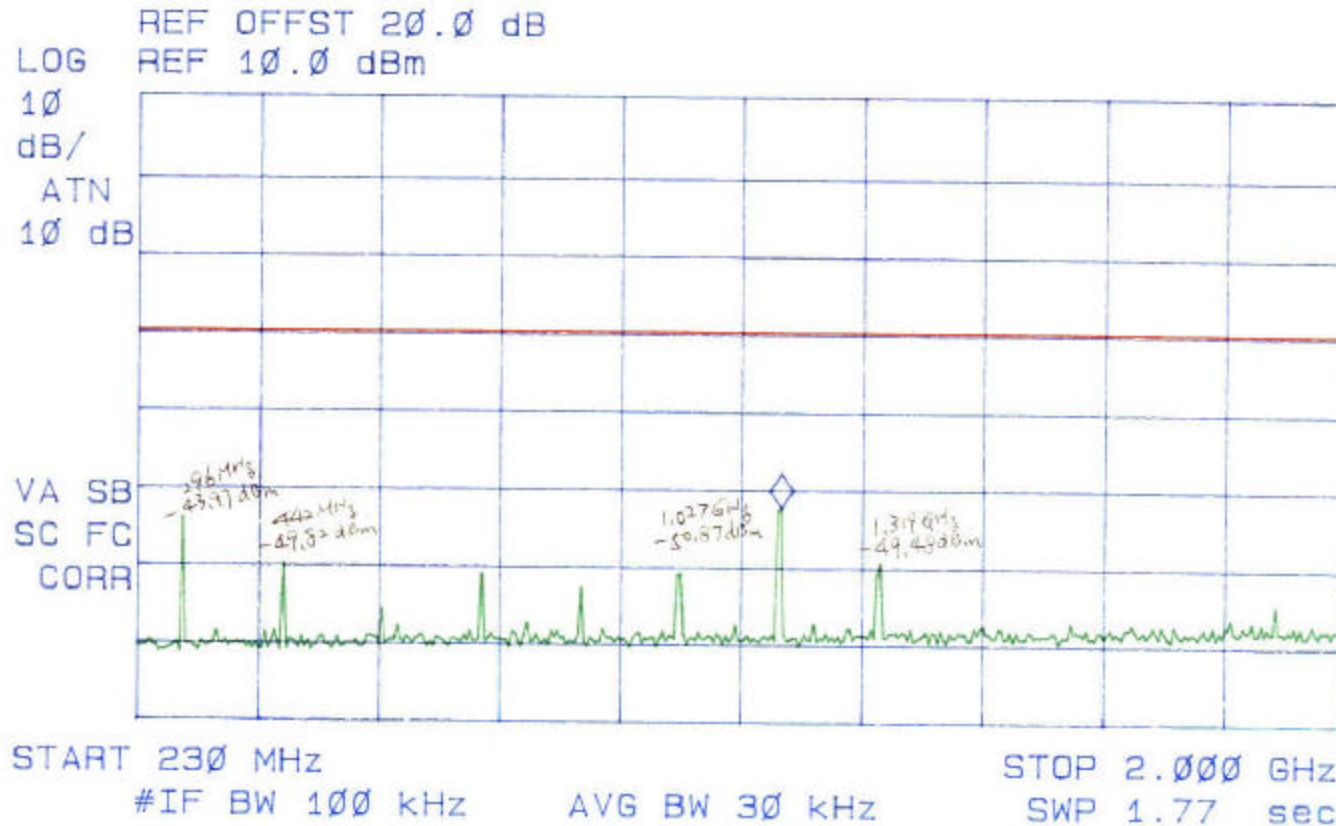
Plot # 44

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 1.173 GHz

-42.49 dBm



ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 45

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: A5 FREQUENCY 160.015 MHz. OUTPUT POWER 37.1 dBm.
CH SPACING 12.5 KHz. MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 6.71 KHz
TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

Plot # 45

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

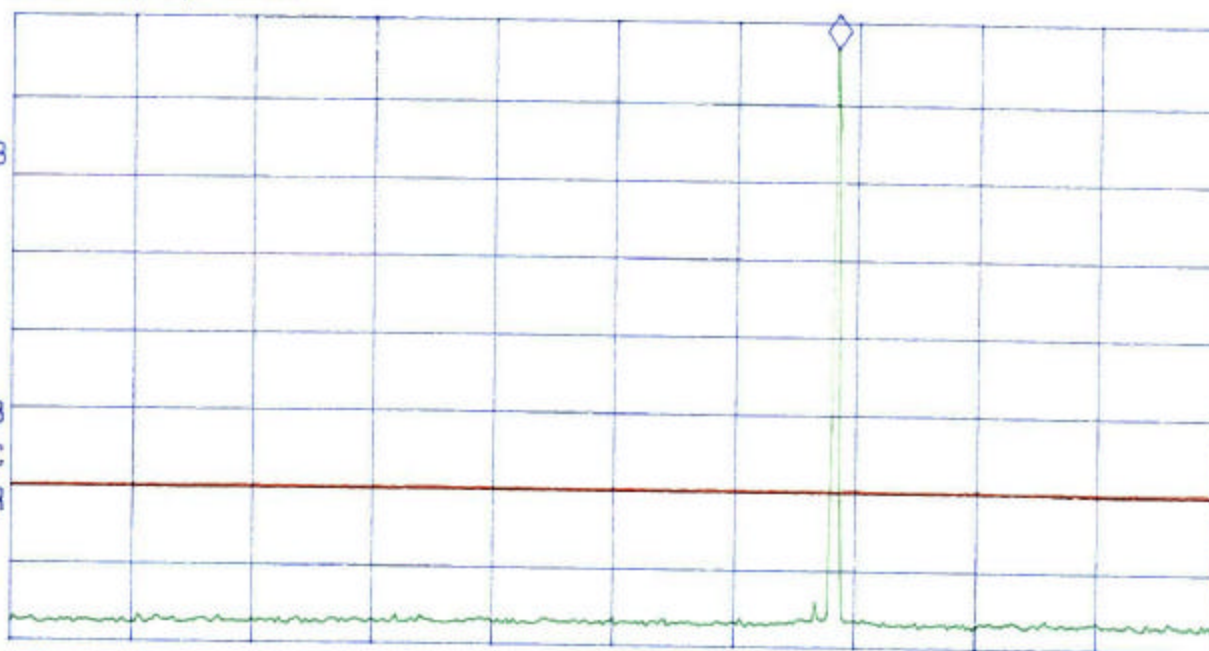
MKR 160.2 MHz

36.72 dBm

LOG REF OFFST 20.0 dB
REF 40.0 dBm

10
dB/
ATN
30 dB

VA SB
SC FC
CORR



START 10.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 230.0 MHz

SWP 220 msec

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 46

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: A5 FREQUENCY 160.025 MHz. OUTPUT POWER 37.0 dBm.
CH SPACING 12.5 KHz. MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.7 KHz
TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

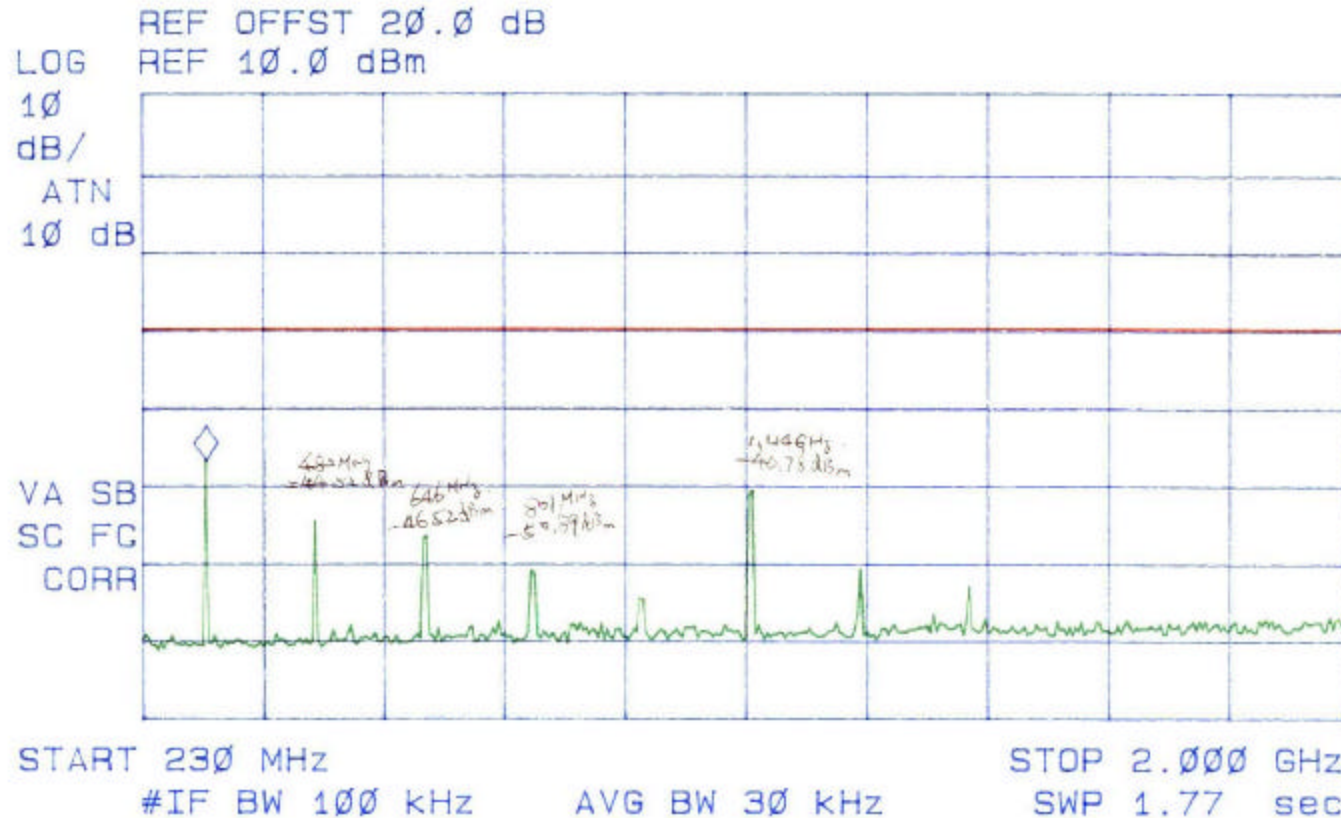
Plot # 46

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 323 MHz

-36.92 dBm



ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 47

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: A6 FREQUENCY 173.975 MHz. OUTPUT POWER 36.74 dBm.
CH SPACING 12.5 KHz. MOD: FM, 2.5KHz SINE WAVE. FREQUENCY DEV: 1.07 KHz
TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

Plot # : 47

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

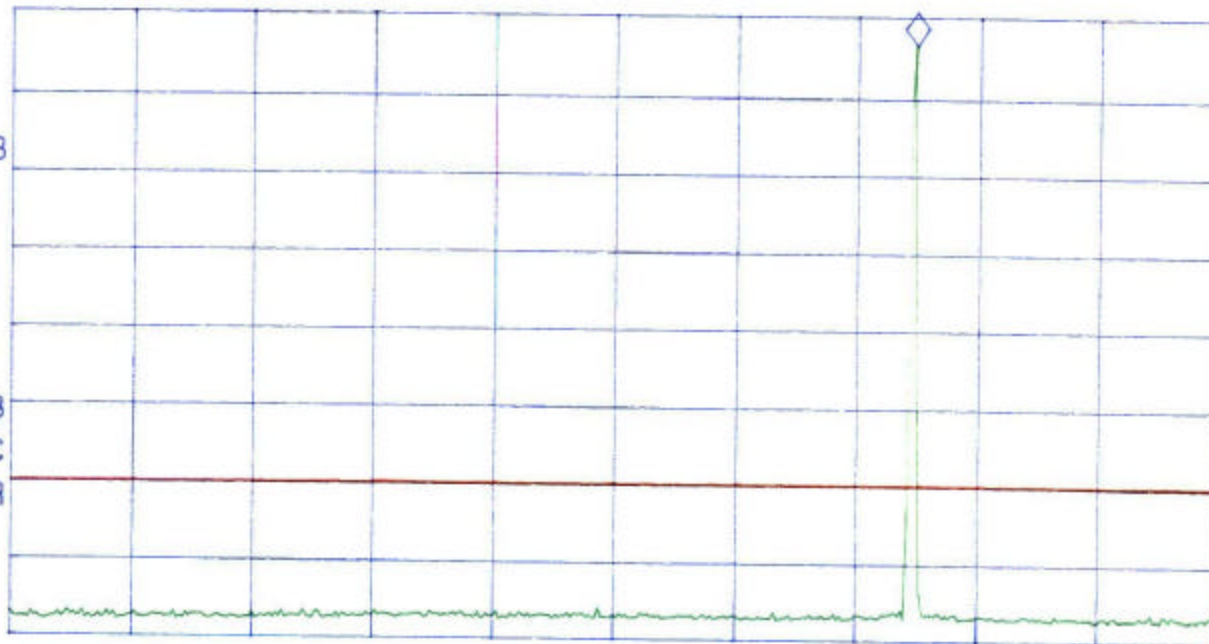
MKR 174.5 MHz

36.32 dBm

REF OFFST 20.0 dB
LOG REF 40.0 dBm

10
dB/
ATN
30 dB

VA SB
SC FC
CORR



START 10.0 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 230.0 MHz

SWP 220 msec

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 48

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: AG FREQUENCY 173.475 MHz OUTPUT POWER 36.74 dBm
CH SPACING 12.5 KHz MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 1.7 KHz
TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

Plot # 48

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

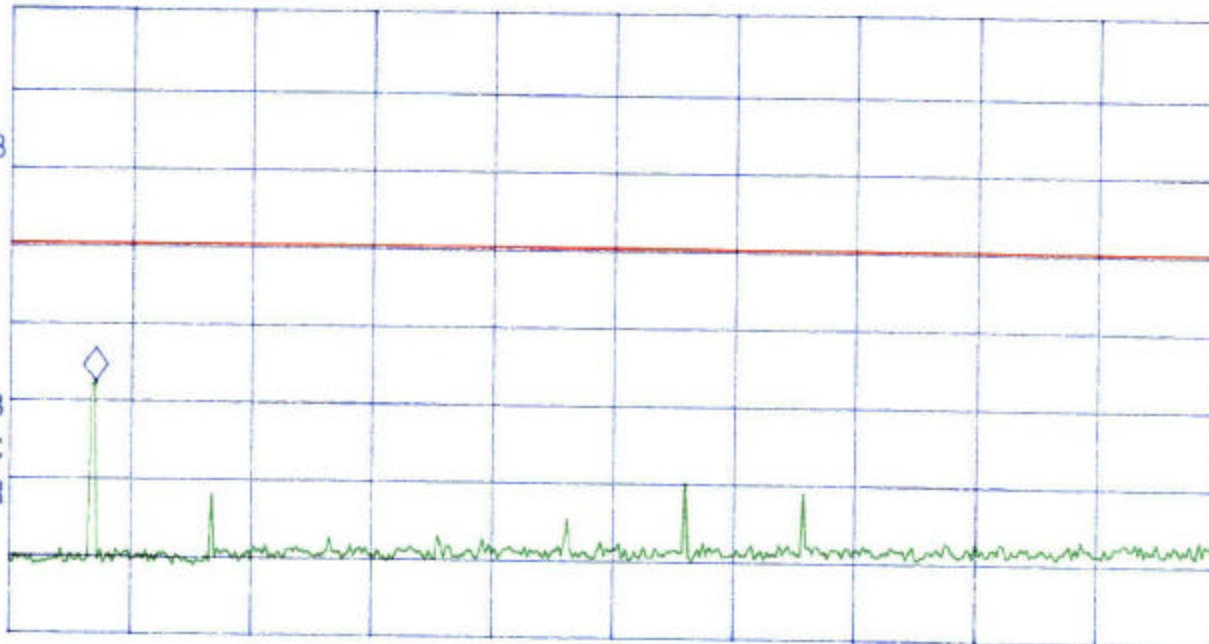
MKR 354 MHz

-37.81 dBm

LOG REF OFFST 20.0 dB
REF 10.0 dBm

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



START 230 MHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 2.000 GHz

SWP 1.77 sec