

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 37

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: 4 FREQUENCY 146.025 MHz. OUTPUT POWER 30 dBm.

CH SPACING 12.5 KHz, MOD: FM, 2.5KHz SINE WAVE, FREQUENCY DEV: 171 KHz

TRANSMITTER CONDUCTED EMISSION

Date: Oct 07 2002

Tested By: Wayne

Plot 37

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

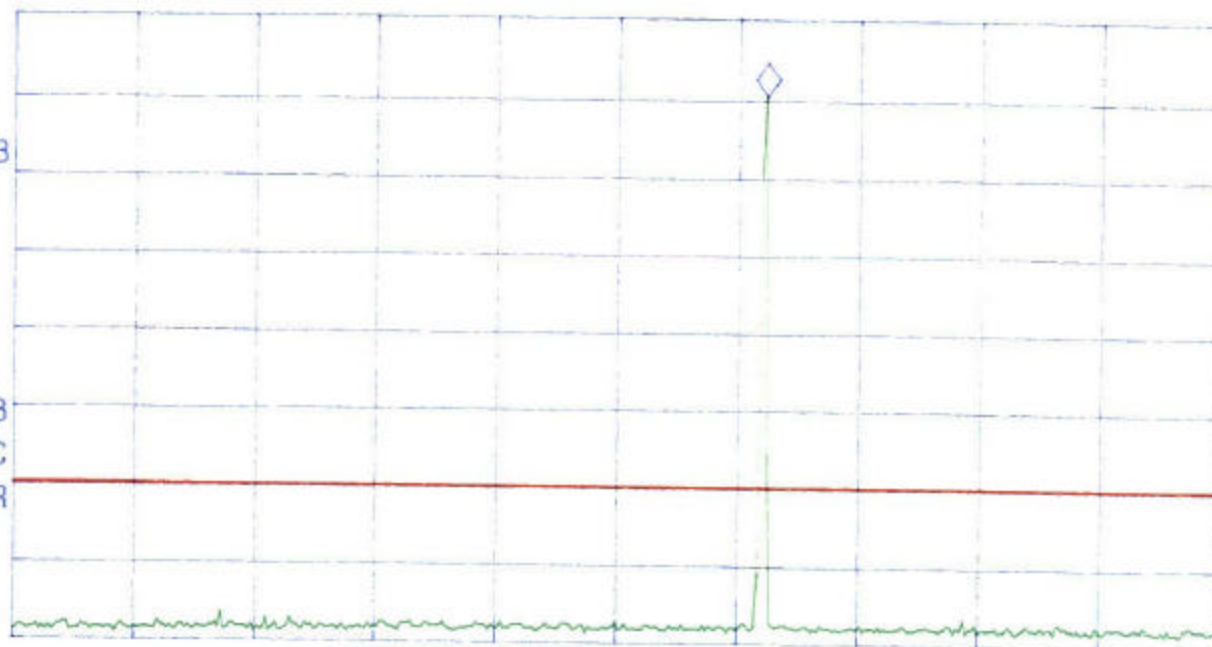
MKR 147.0 MHz

30.12 dBm

LOG REF OFFST 21.4 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

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ICOM AMERICA.

5W MARINE HANDHELD TRANSCEIVER (146-174MHz 5, 3 & 1 W, 12.5&25K CH

SPACING) MODEL IC-M88.

CH: 14 FREQUENCY 146.025 MHz. OUTPUT POWER 70 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

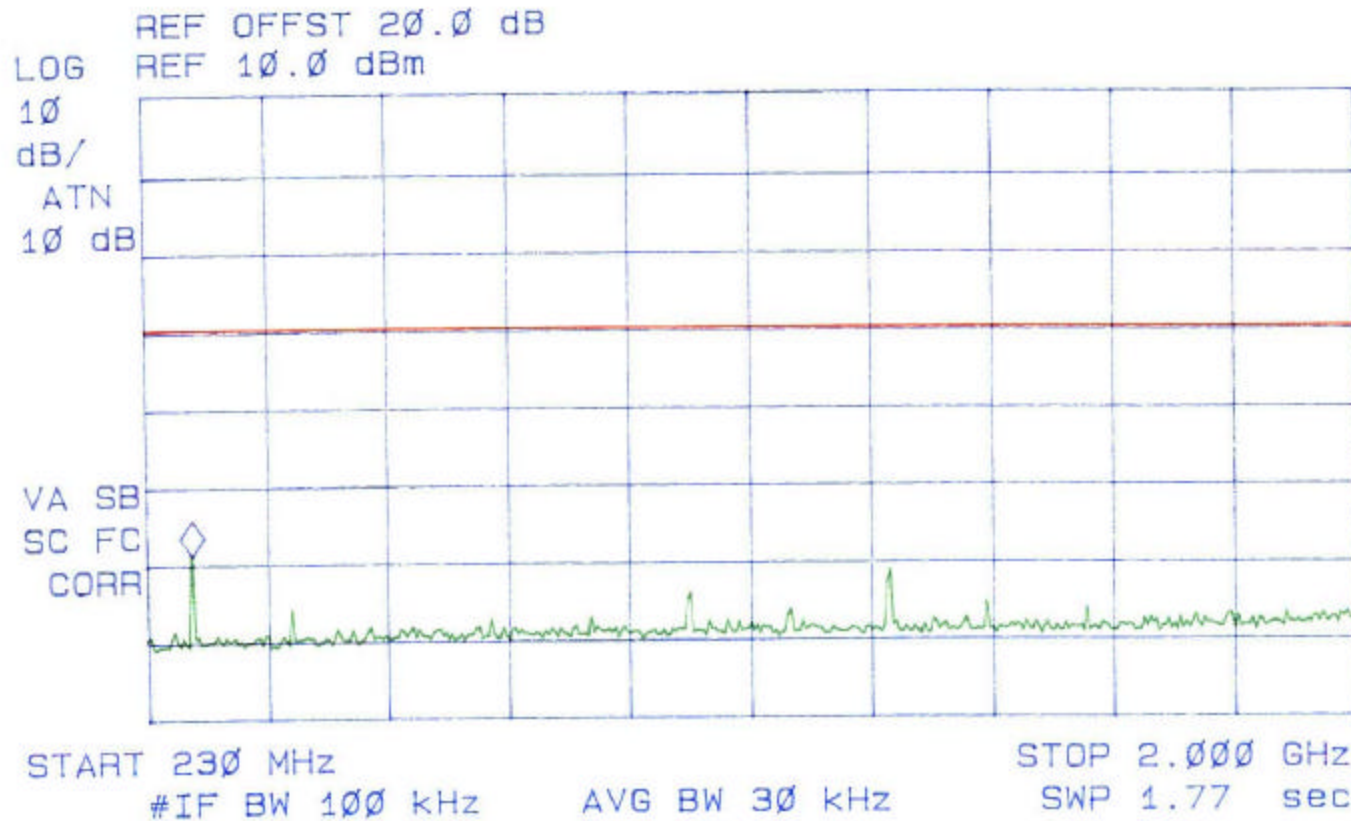
Plot #38

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 296 MHz

-48.88 dBm



ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 39

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.

CH: A5, FREQUENCY 160.025 MHz, OUTPUT POWER 3.0 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 39

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 160.7 MHz

29.94 dBm

REF OFFST 21.4 dB
LOG REF 40.0 dBm

10
dB/
ATN
30 dB

VA SB
SC FC
CORR

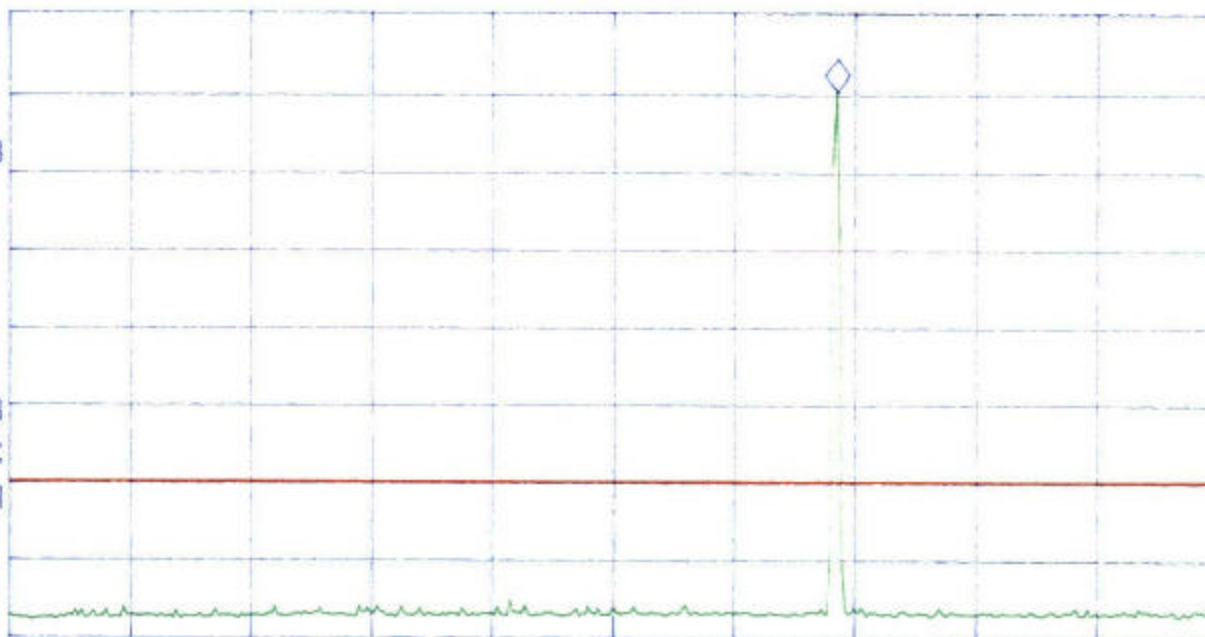
START 10.0 MHz

#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 # 40

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.

CH: A5, FREQUENCY 160.025 MHz, OUTPUT POWER 30 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 # 40

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

MKR 323 MHz

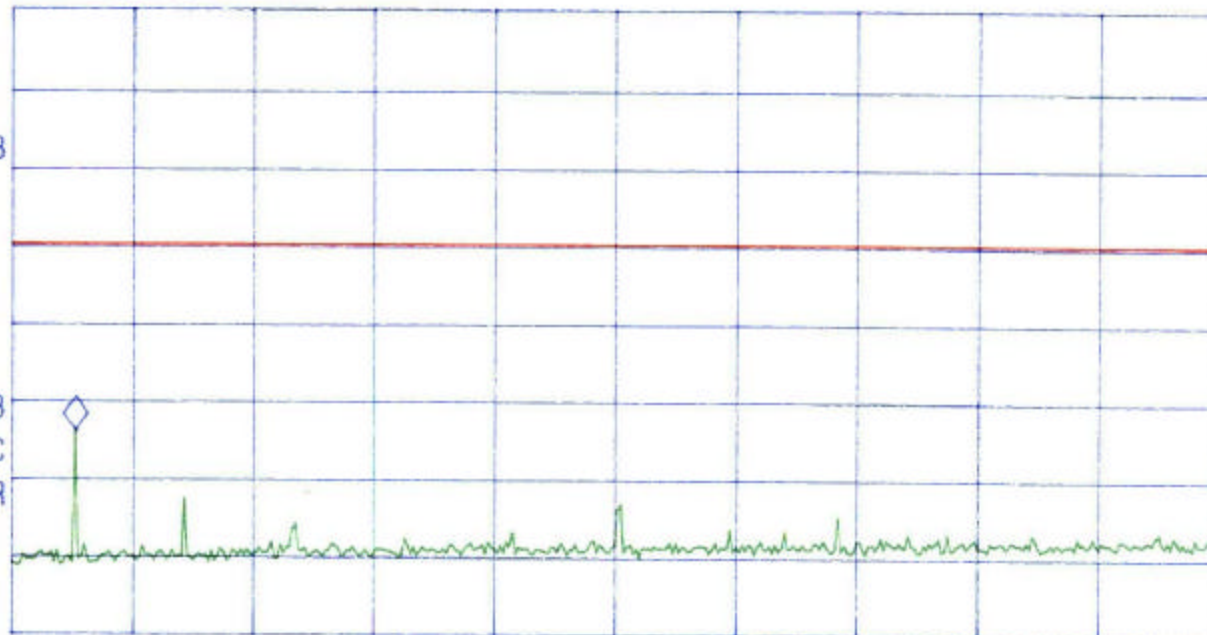
-43.99 dBm

REF OFFST 20.0 dB

LOG 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

ANNEX 1 - SPURIOUS/HARMONIC CONDUCTED EMISSIONS

MOBILE VHF/MARINE TRANSCEIVER, Model IC-M88

Plot # 41

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.

CH: A6 FREQUENCY 173.915 MHz. OUTPUT POWER 30 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 #41

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

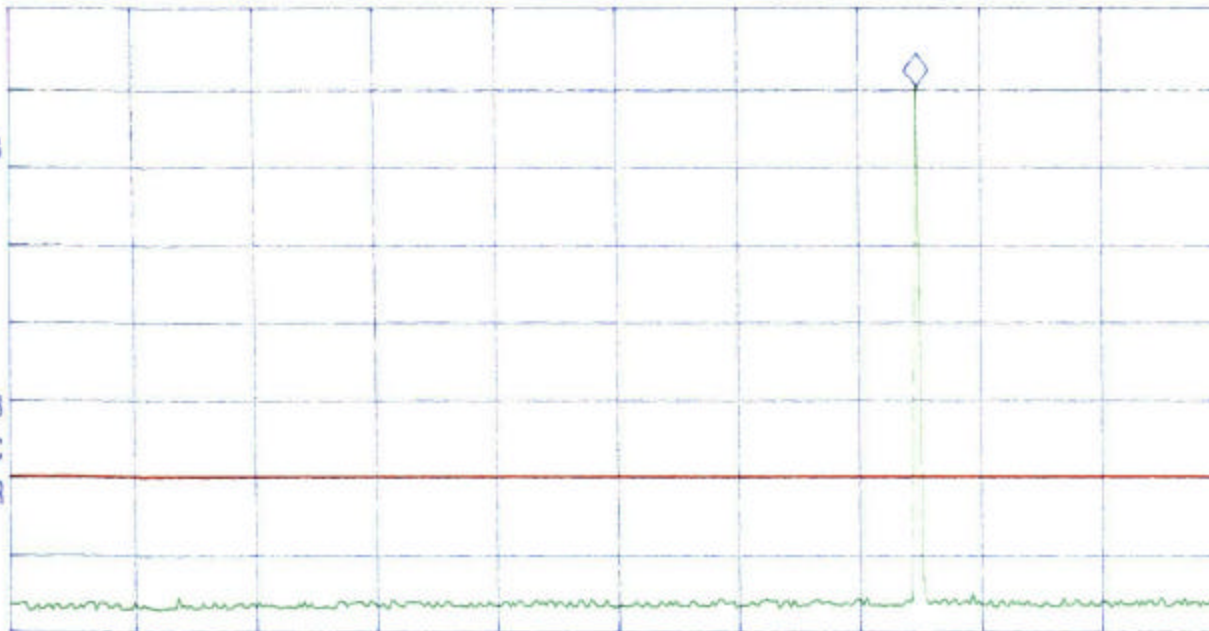
MKR 174.5 MHz

29.92 dBm

LOG REF OFFST 21.4 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 # 42

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

CH: A6 FREQUENCY 173.975 MHz, OUTPUT POWER 30 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 # 42

ACTV DET: PEAK

MEAS DET: PEAK QP AVG

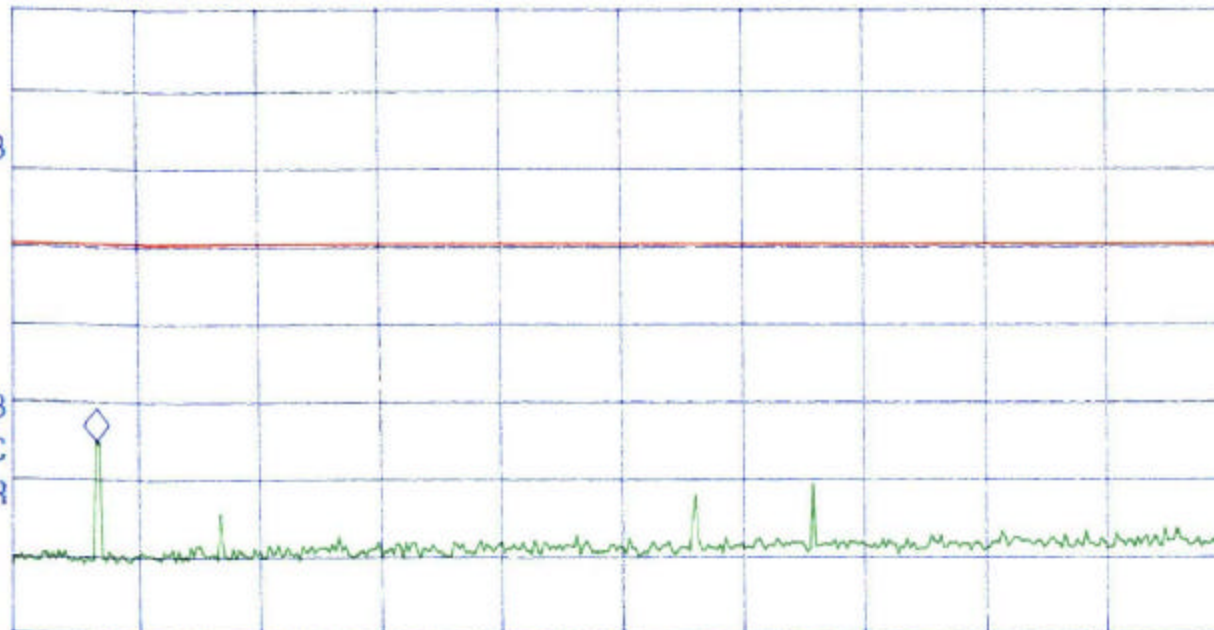
MKR 349 MHz

-45.45 dBm

LOG REF 10.0 dBm
REF OFFST 20.0 dB

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