

ANNEX 1 - PLOTS OF RF CONDUCTED EMISSIONS AT TRANSMITTER ANTENNA PORT
MOBILE UHF TRANSCEIVER, Model IC-F221

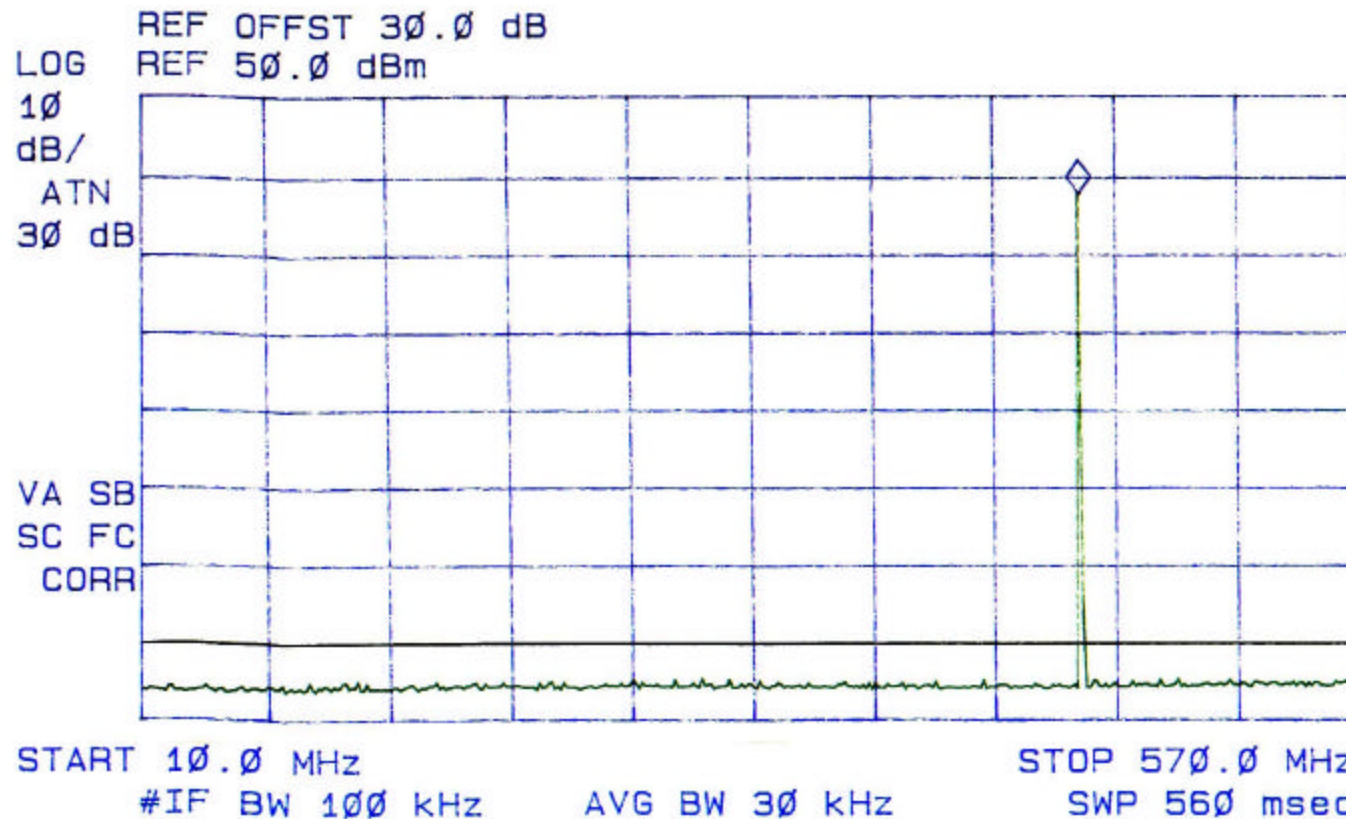
Plot # 19
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221.
CH : 7 FREQUENCY 440.1 MHz. OUTPUT POWER 36.37 dBm.
CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne
PLOT # 19

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 441.2 MHz
37.43 dBm



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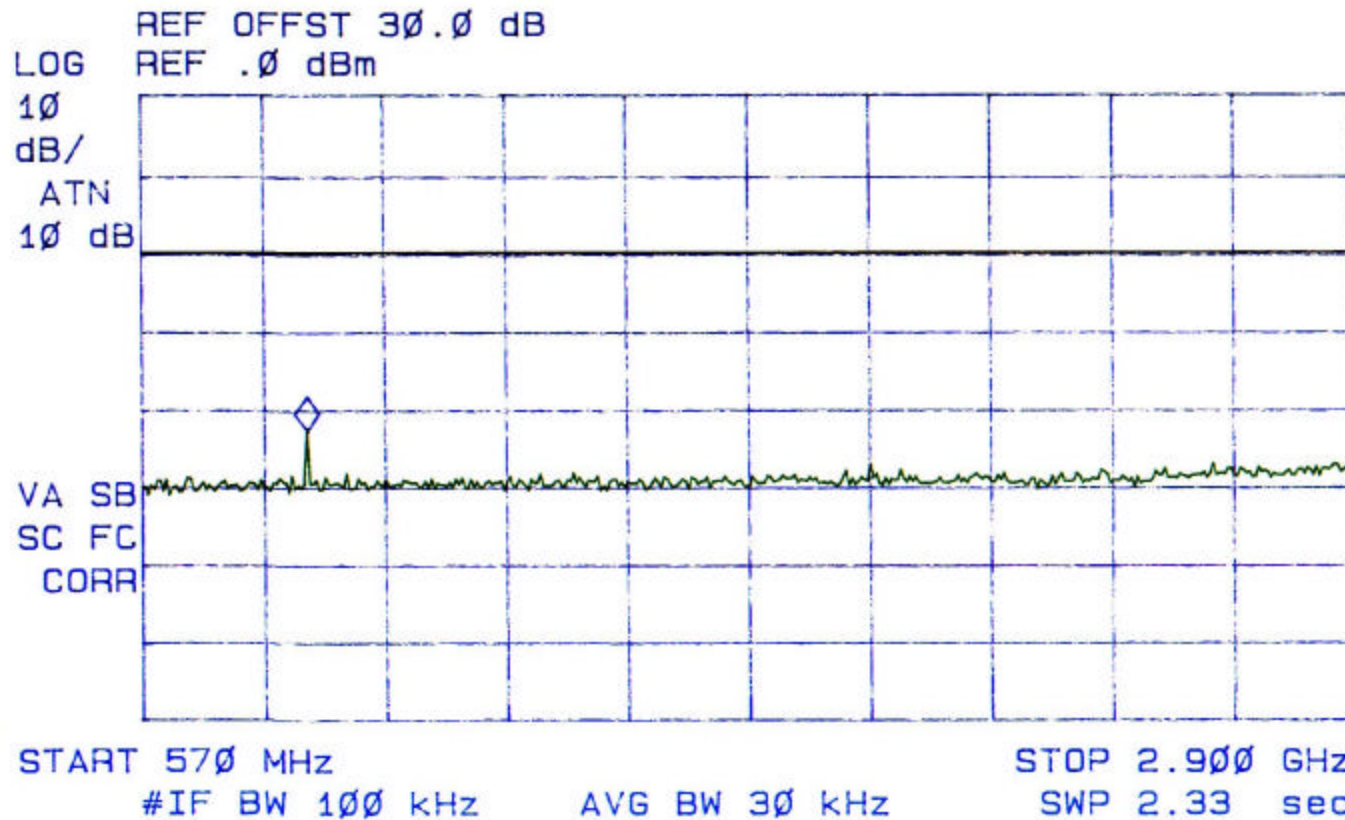
Plot # 20
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221.
CH : 7 FREQUENCY 440.1 MHz. OUTPUT POWER 36.37 dBm.
CH SPACING 12.5 KHz. MOD : FM, 2.5KHz SINE WAVE. FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne
PLOT # 20

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 885 MHz
-42.94 dBm



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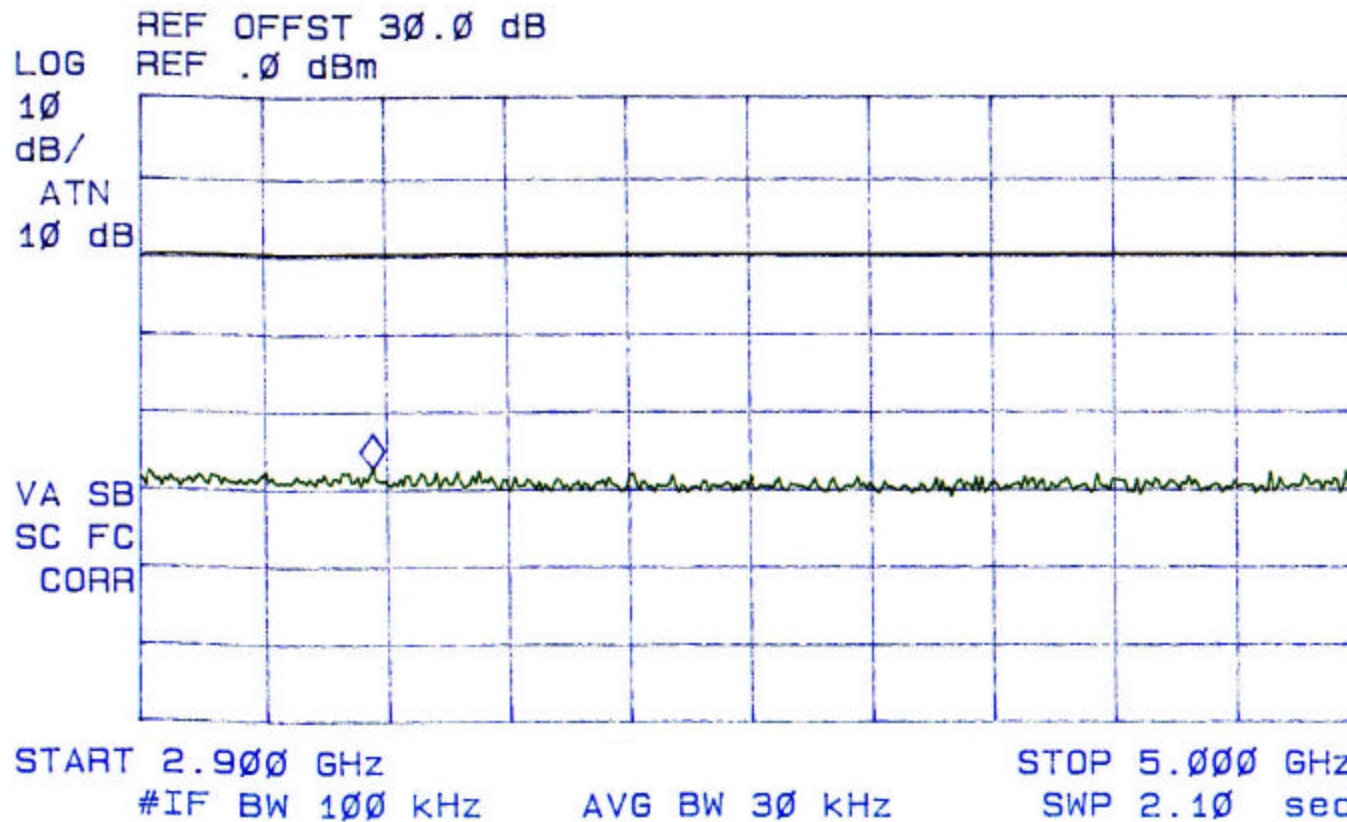
Plot # 21
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5825K CH
SPACING) MODEL IC-F221.
CH : 7, FREQUENCY 440.1 MHz, OUTPUT POWER 36.37 dBm.
CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne
PLOT#21

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.294 GHz
-47.49 dBm



ANNEX 1 - PLOTS OF RF CONDUCTED EMISSIONS AT TRANSMITTER ANTENNA PORT
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Plot # 22
FCC ID: AFJ262301

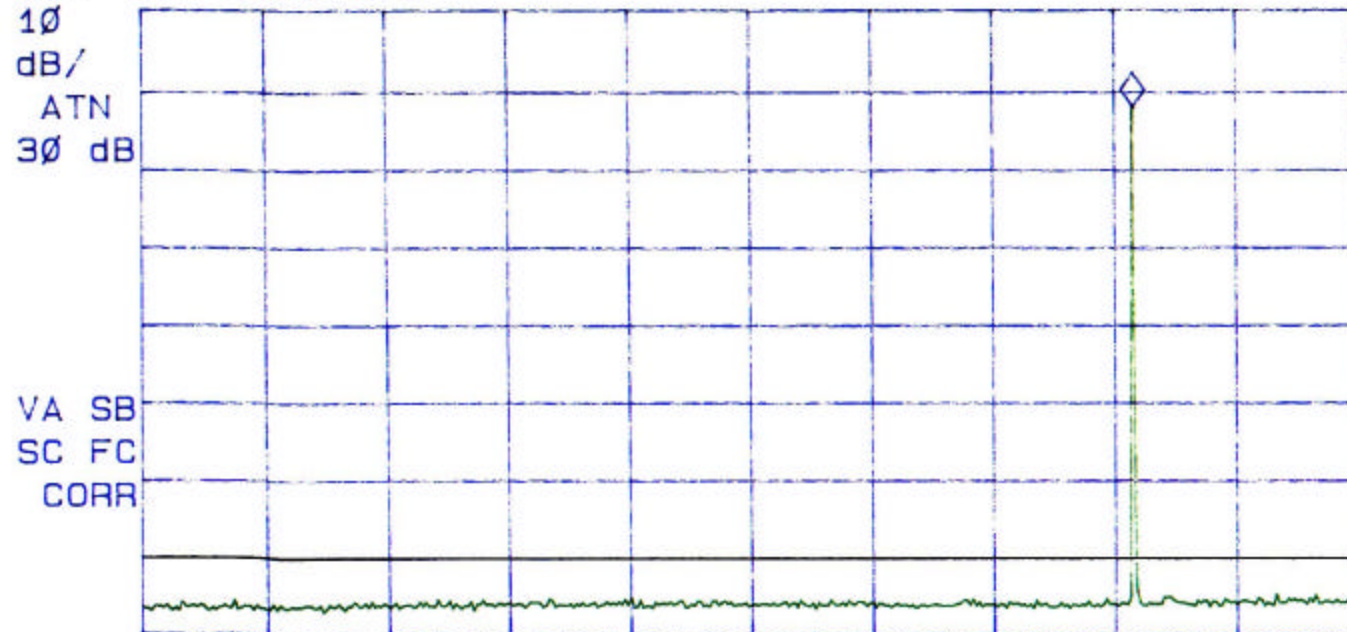


ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221
CH : 8 FREQUENCY 465.1 MHz. OUTPUT POWER 36.55 dBm.
CH SPACING 12.5 KHz. MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne
PLOT # 22

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 466.4 MHz
37.61 dBm

REF OFFST 30.0 dB
LOG REF 50.0 dBm



START 10.0 MHz STOP 570.0 MHz
#IF BW 100 kHz AVG BW 30 kHz SWP 560 msec

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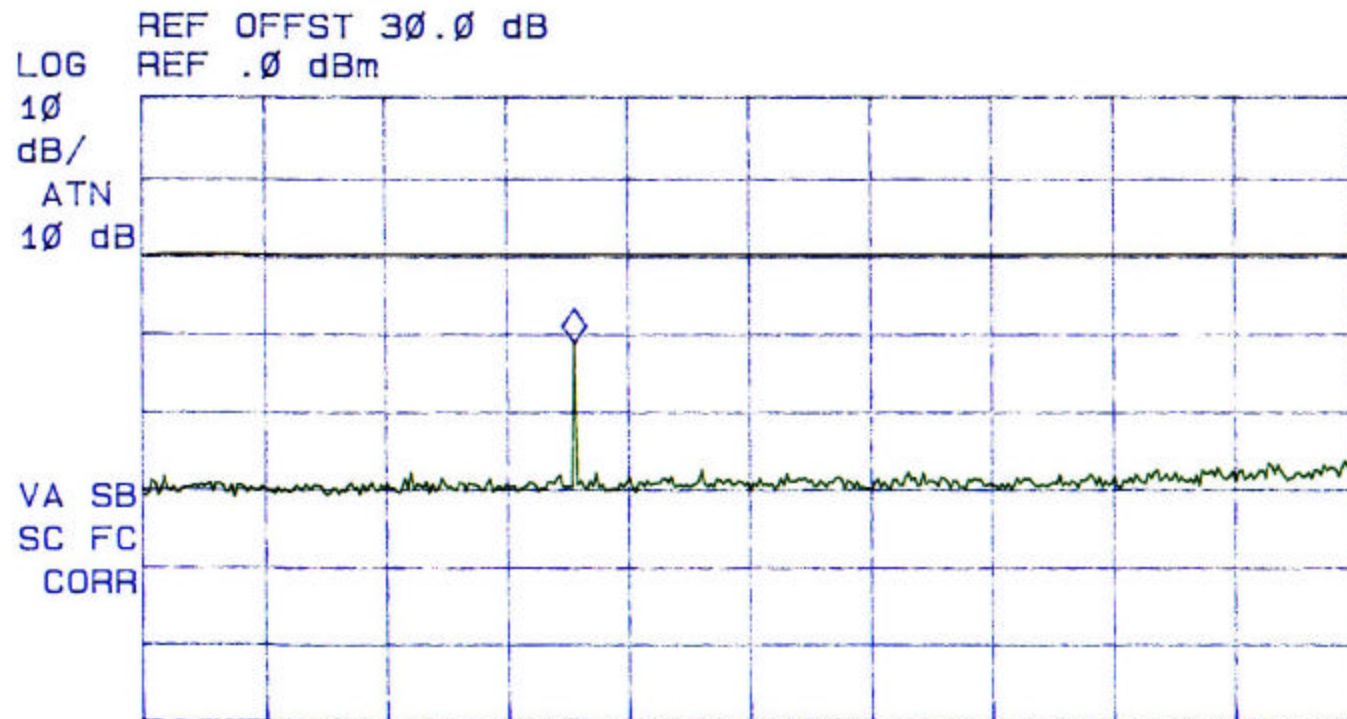
Plot # 23
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221
CH : 8 FREQUENCY 465.1 MHz. OUTPUT POWER 36.55 dBm.
CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne
PLOT # 23

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.397 GHz
-31.46 dBm



START 570 MHz STOP 2.900 GHz
#IF BW 100 kHz AVG BW 30 kHz SWP 2.33 sec

ANNEX 1 - PLOTS OF RF CONDUCTED EMISSIONS AT TRANSMITTER ANTENNA PORT
MOBILE UHF TRANSCEIVER, Model IC-F221

Plot # 24
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W , 12.5&25K CH
SPACING) MODEL IC-F221
CH : 8 FREQUENCY 475.1 MHz. OUTPUT POWER 36.5 dBm.
CH SPACING 2.5 KHz. MOD : FM , 2.5KHz SINE WAVE , FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

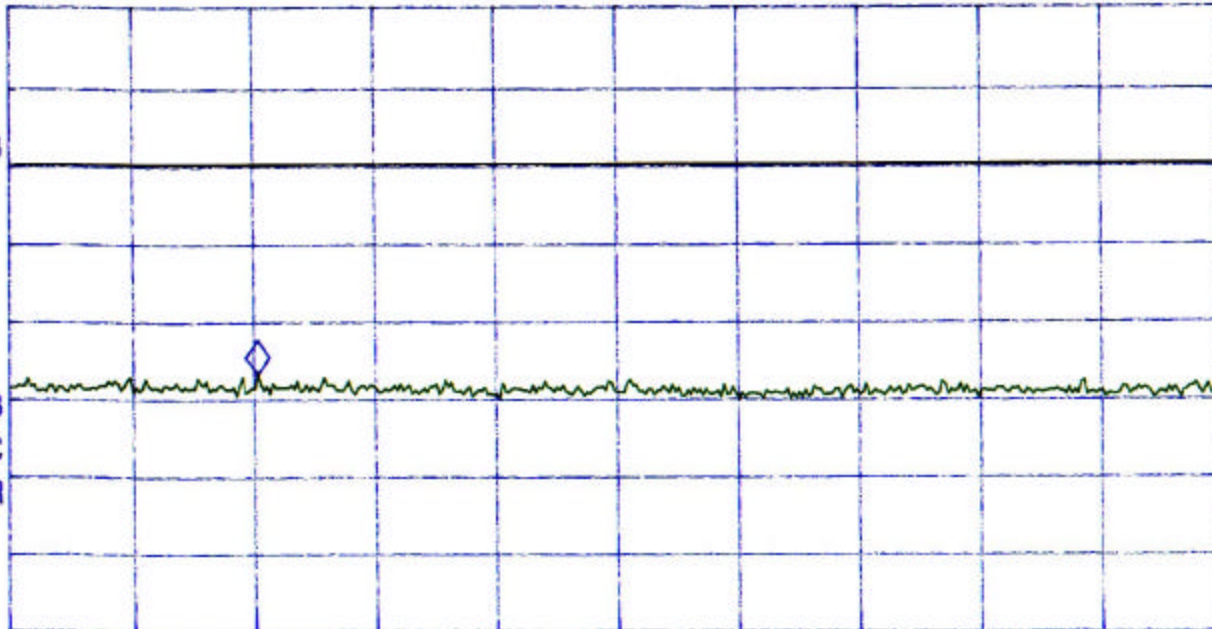
Date: Jan 22 2013
Tested By: Wayne

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.325 GHz
-46.96 dBm
PLOT# 24

REF OFFST 30.0 dB
LOG REF .0 dBm

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



START 2.900 GHz

#IF BW 100 kHz

AVG BW 30 kHz

STOP 5.000 GHz

SWP 2.10 sec

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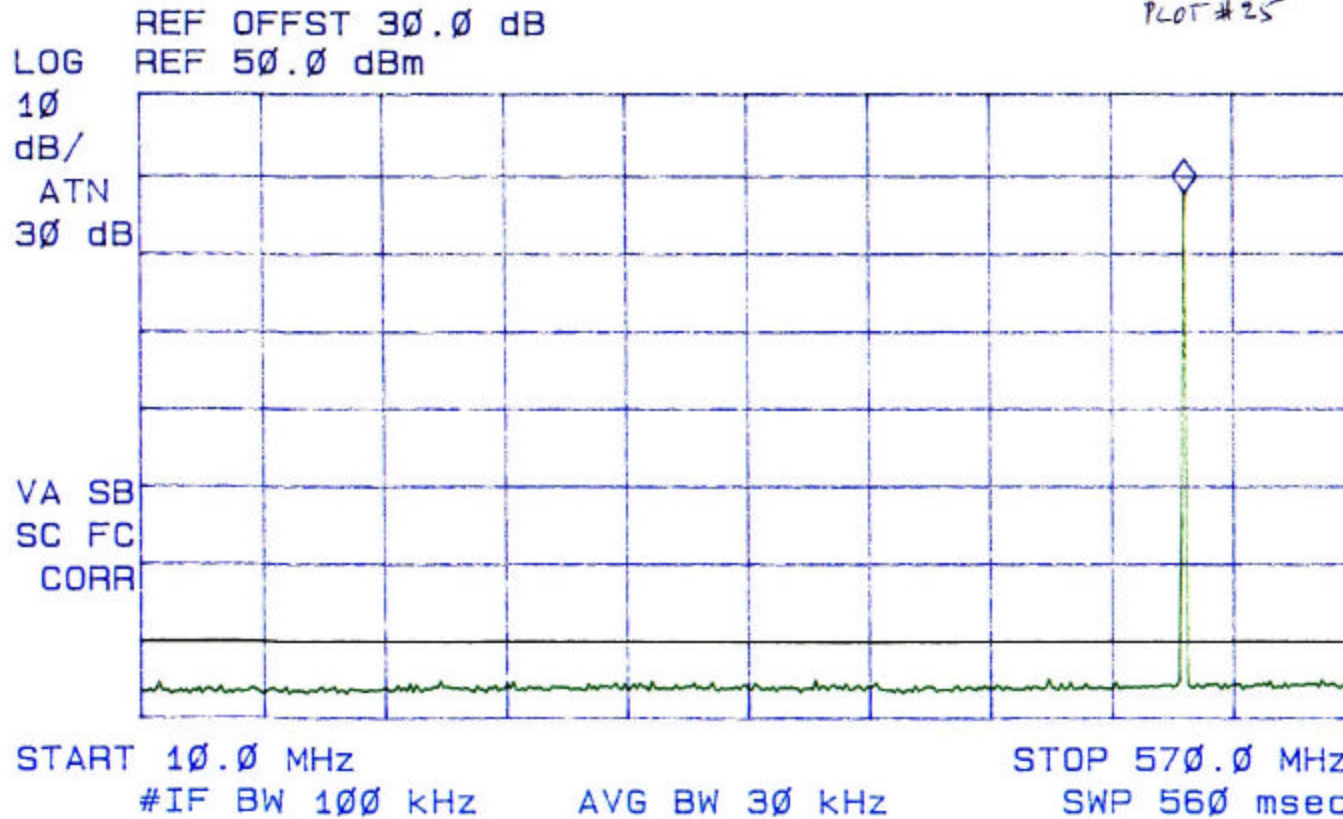
Plot # 25
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221
CH : 4 FREQUENCY 487.1 MHz OUTPUT POWER 36.29 dBm.
CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: Wayne

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 491.6 MHz
37.33 dBm
PLOT # 25



ANNEX 1 - PLOTS OF RF CONDUCTED EMISSIONS AT TRANSMITTER ANTENNA PORT
MOBILE UHF TRANSCEIVER, Model IC-F221

Plot # 26
FCC ID: AFJ262301



ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221
CH : 9 FREQUENCY 489.9 MHz. OUTPUT POWER 3629 dBm.
CH SPACING 12.5 KHz. MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 27 2003
Tested By: Wayne

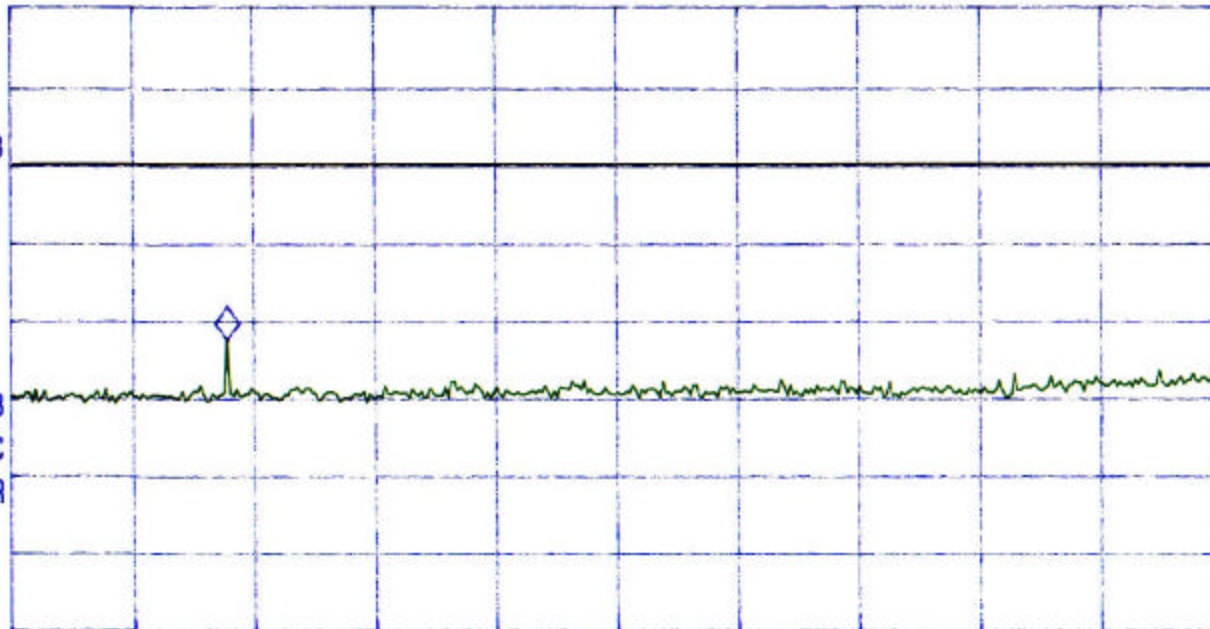
PLOT #26

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 984 MHz
-42.75 dBm

REF OFFST 30.0 dB
LOG REF .0 dBm

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



START 570 MHz

#IF BW 100 KHz

AVG BW 30 KHz

STOP 2.900 GHz

SWP 2.33 sec

ANNEX 1 - PLOTS OF RF CONDUCTED EMISSIONS AT TRANSMITTER ANTENNA PORT

MOBILE UHF TRANSCEIVER, Model IC-F221

Plot # 27

FCC ID: AFJ262301

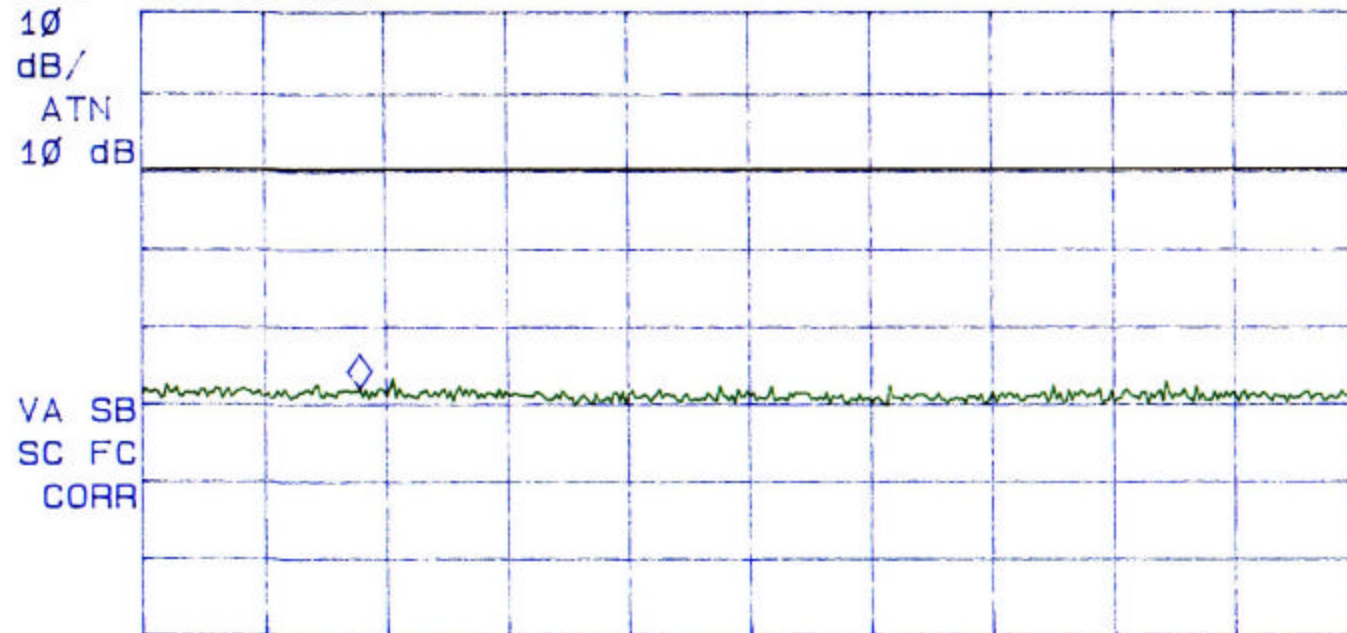


ICOM AMERICA.
LAND MOBILE UHF RADIOTRANSCEIVER (440-490MHz Hi45 W, 12.5&25K CH
SPACING) MODEL IC-F221
CH : 9 FREQUENCY 487.1 MHz, OUTPUT POWER 36.29 dBm.
CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : _____ KHz
TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003
Tested By: _____
PLOT 27

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 3.273 GHz
-48.23 dBm

REF OFFST 30.0 dB
LOG REF .0 dBm



START 2.900 GHz

#IF BW 100 KHz

AVG BW 30 KHz

STOP 5.000 GHz

SWP 2.10 sec