

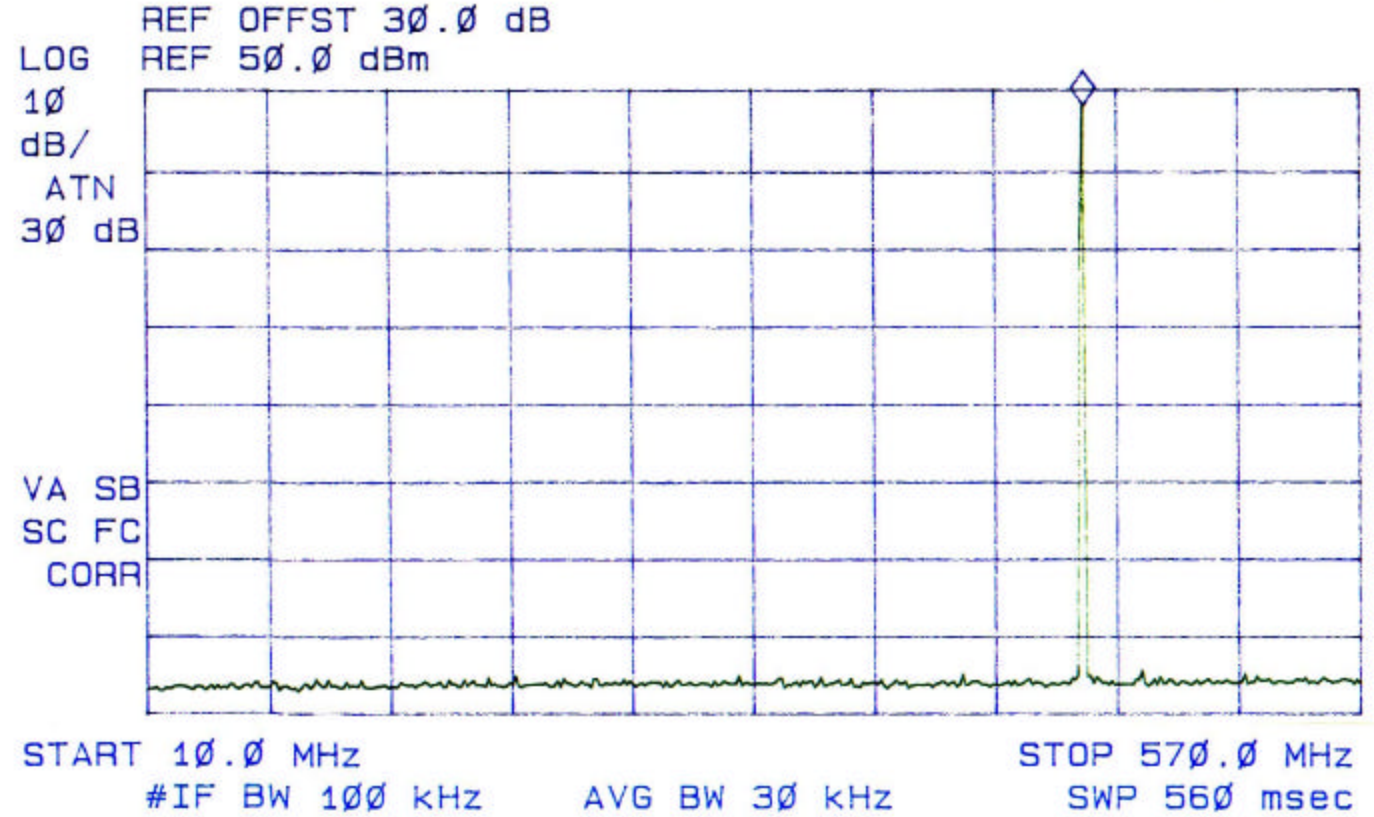
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 28  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221.  
 CH : 1 FREQUENCY 440.1 MHz. OUTPUT POWER 46.3 dBm.  
 CH SPACING 12.5 KHz. MOD : FM, 2.5KHz SINE WAVE , FREQUENCY DEV : \_\_\_\_\_ KHz  
 TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2023  
 Tested By: Wayne  
 PLOT# 28

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 442.6 MHz  
 48.04 dBm



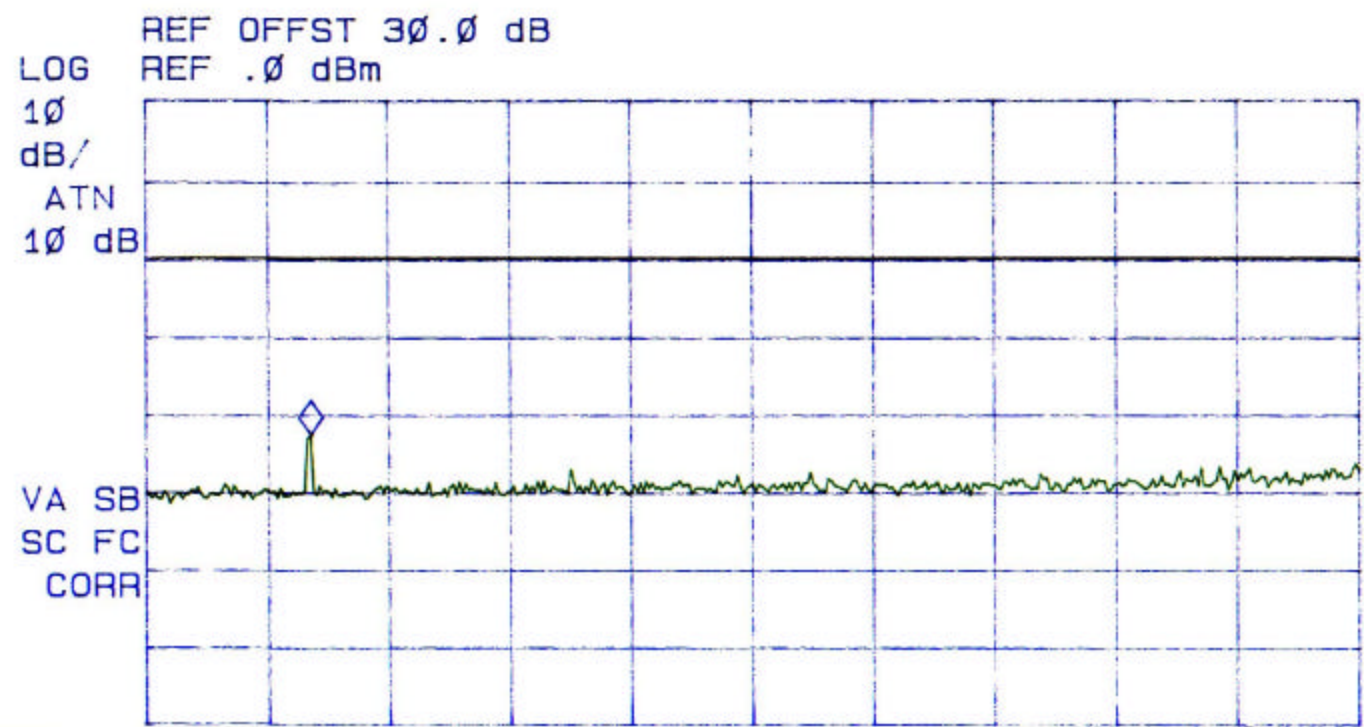
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 29  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz HI45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221.  
 CH : 1 FREQUENCY 440.1 MHz OUTPUT POWER 46.3 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#29

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 885 MHz  
 -42.75 dBm



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

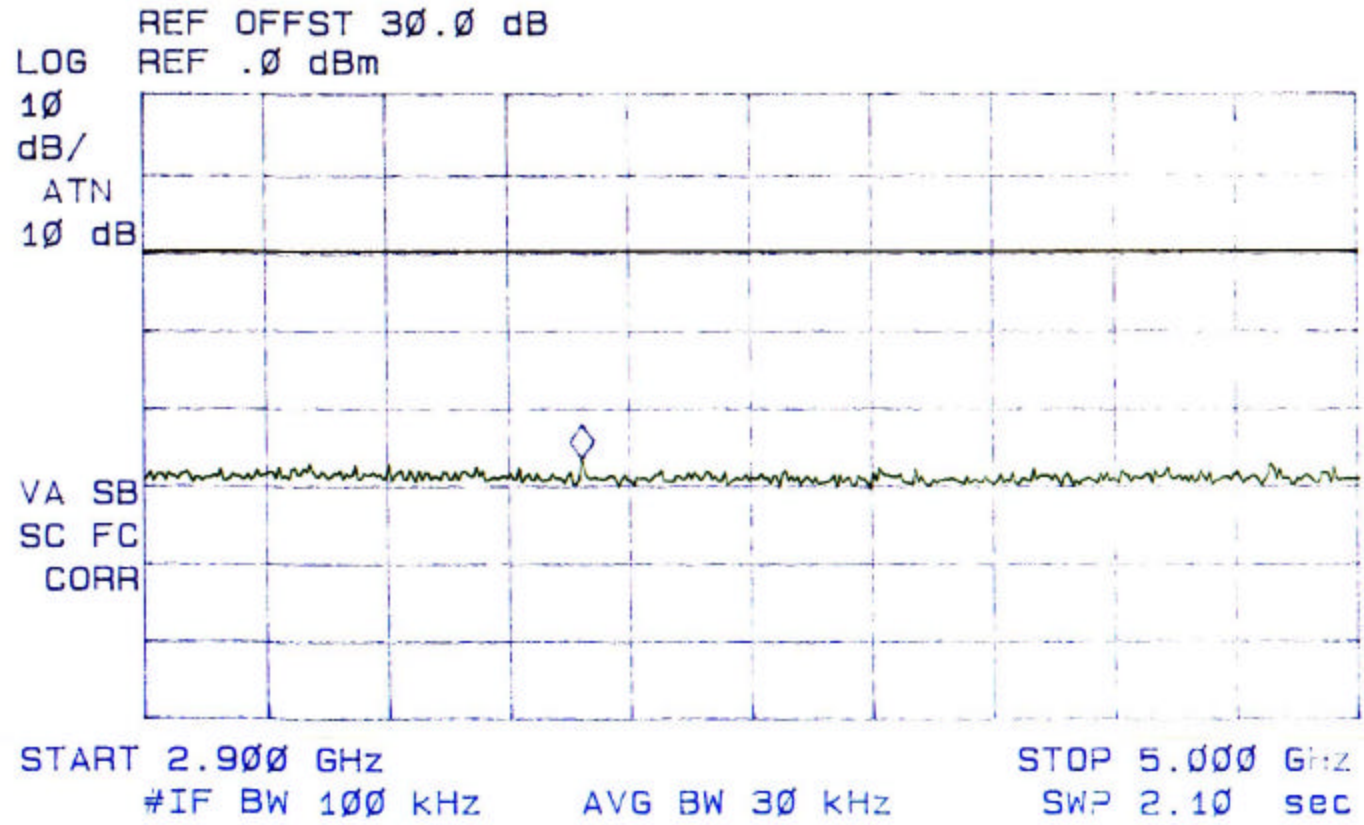
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 30  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W , 12.5&25K CH  
 SPACING ) MODEL IC-F221.  
 CH : 1 FREQUENCY 440.1 MHz. OUTPUT POWER 46.53 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 # 30

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 3.656 GHz  
 -46.73 dBm





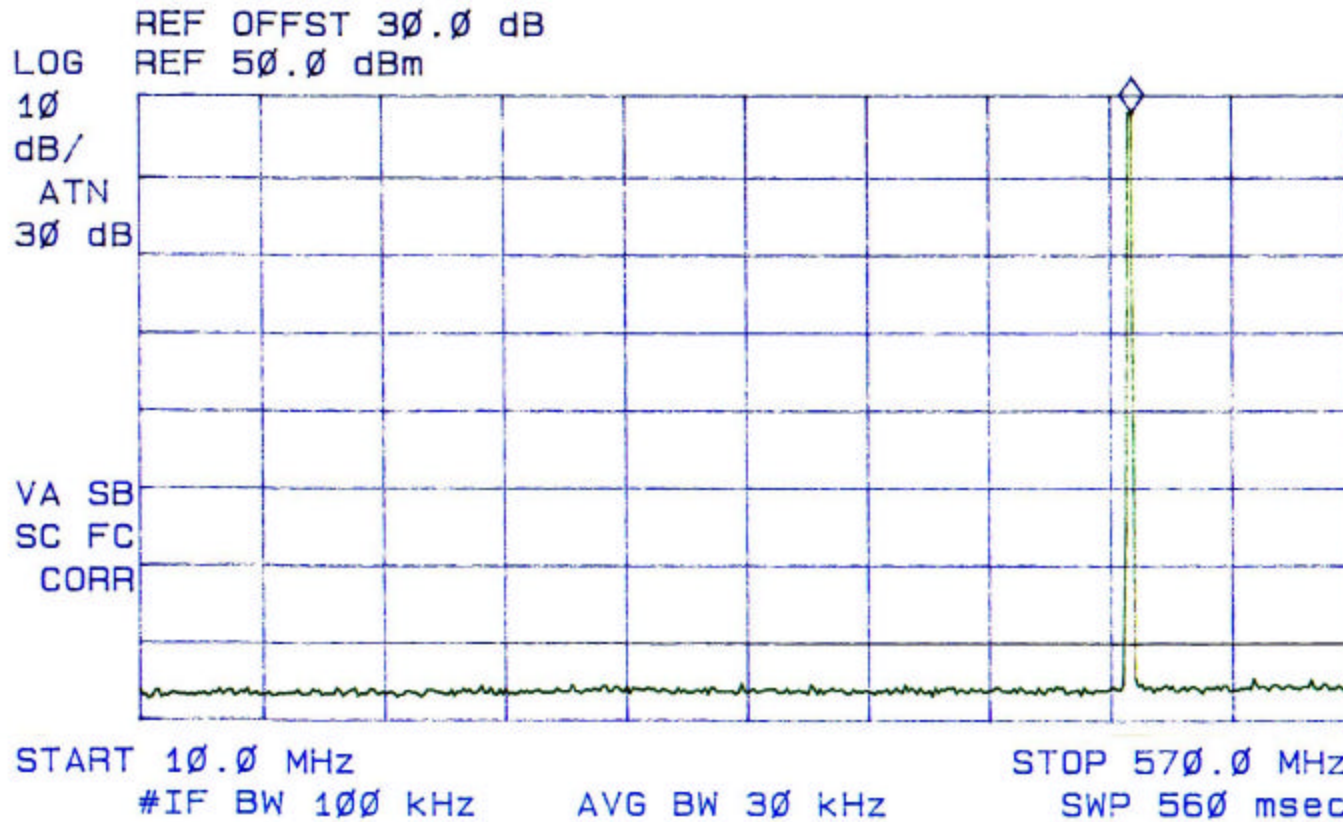
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 31  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz HI45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221  
 CH : 2 FREQUENCY 465.1 MHz. OUTPUT POWER 46.52 dBm.  
 CH SPACING 12.5 KHz, MOD : FM, 2.5KHz SINE WAVE , FREQUENCY DEV : \_\_\_\_\_ KHz  
 TRANSMITTER CONDUCTED EMISSION

Date: Jan 22 2003  
 Tested By: *W. J. ...*  
 Plot # 31

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 467.8 MHz  
 47.93 dBm



ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 32  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301

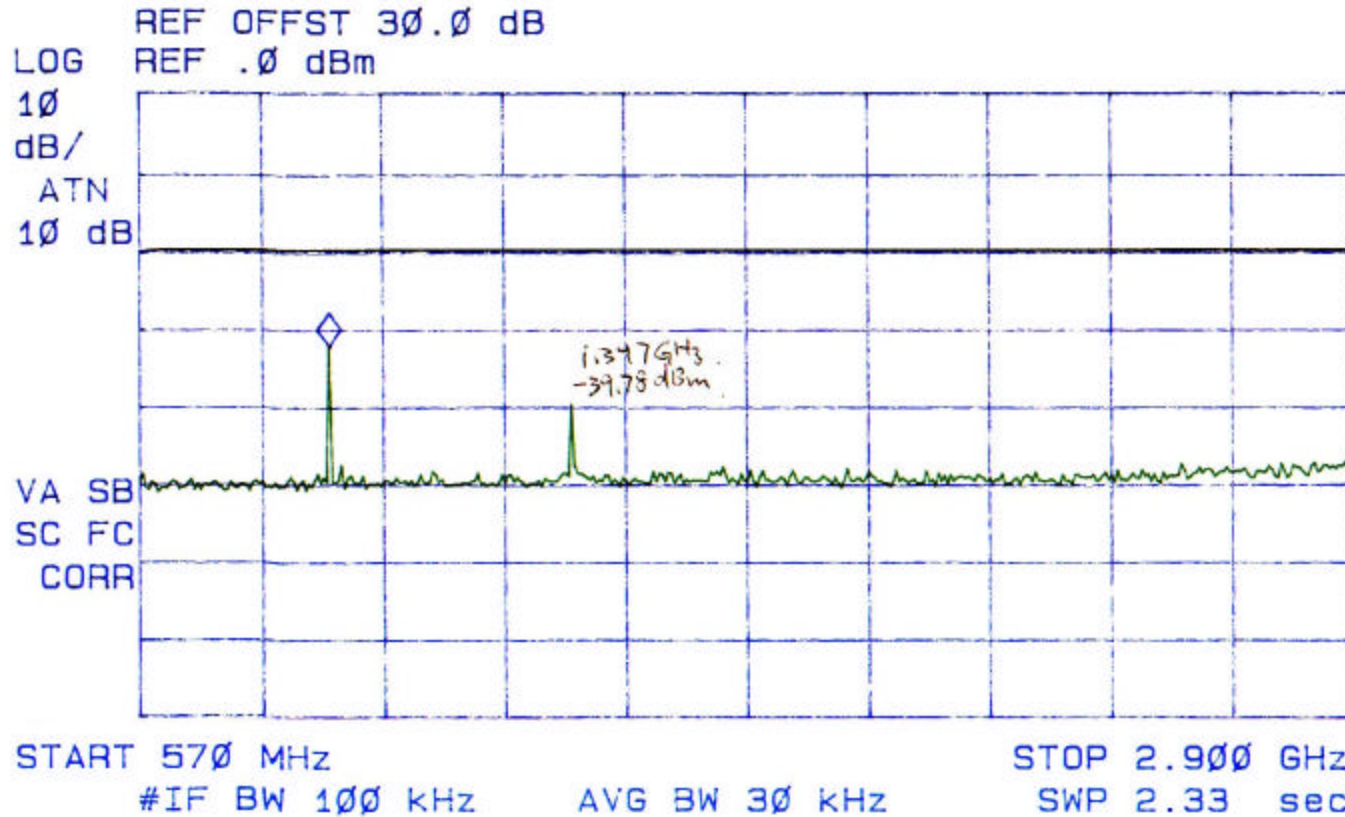


ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221  
 CH : 2 FREQUENCY 465.1 MHz. OUTPUT POWER 46.52 dBm.  
 CH SPACING 12.5 KHz. MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : \_\_\_\_\_ KHz  
 TRANSMITTER CONDUCTED EMISSION

Date: Jan 21 2003  
 Tested By: Wayne

Plot #32

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 931 MHz  
 -32.49 dBm



ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts)  
MOBILE UHF TRANSCEIVER, Model IC-F221

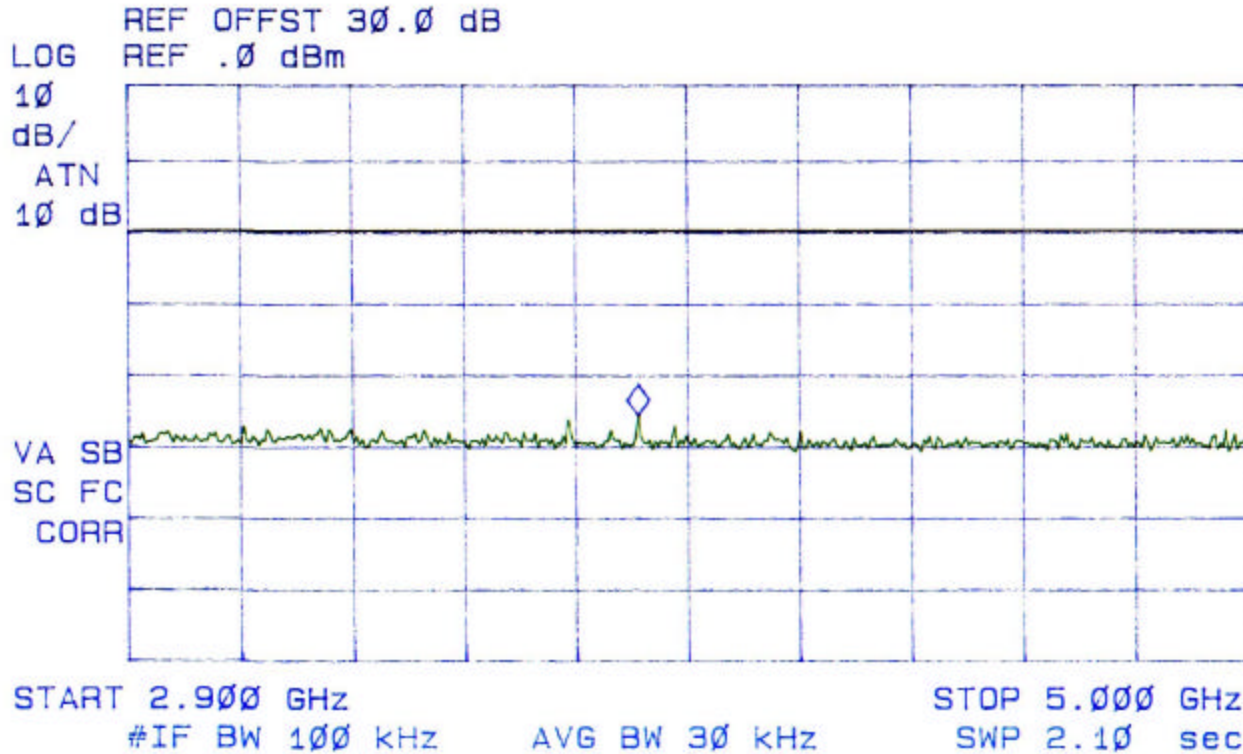
Plot # 33  
IC: 202E-262301



ICOM AMERICA  
LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W , 12.5825K CH  
SPACING ) MODEL IC-F221  
CH : 2 FREQUENCY 463.1 MHz. OUTPUT POWER 46.52 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 #33

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 3.856 GHz  
-45.87 dBm





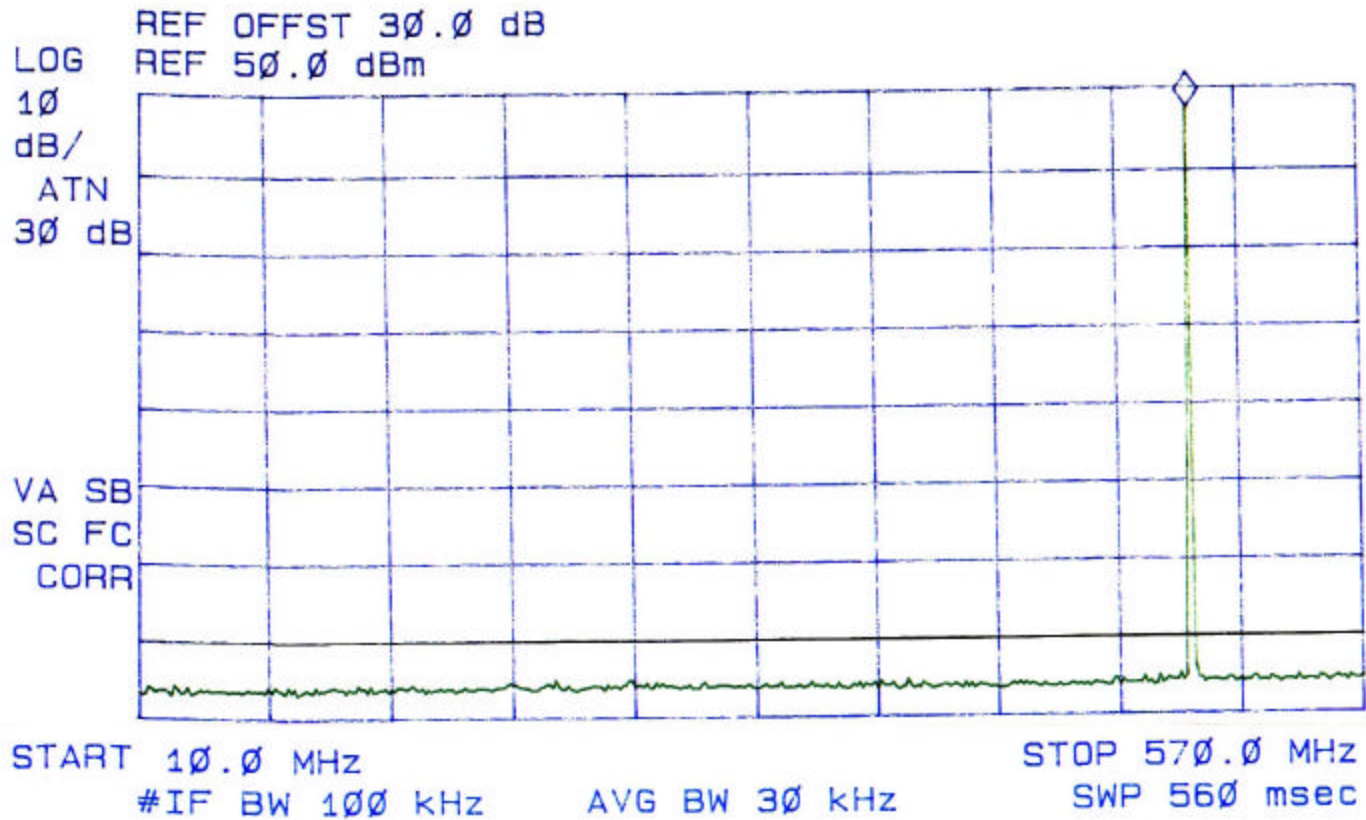
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 34  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221  
 CH: 3 FREQUENCY 491.9 MHz. OUTPUT POWER 46.28 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 # 34

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 491.6 MHz  
 47.53 dBm



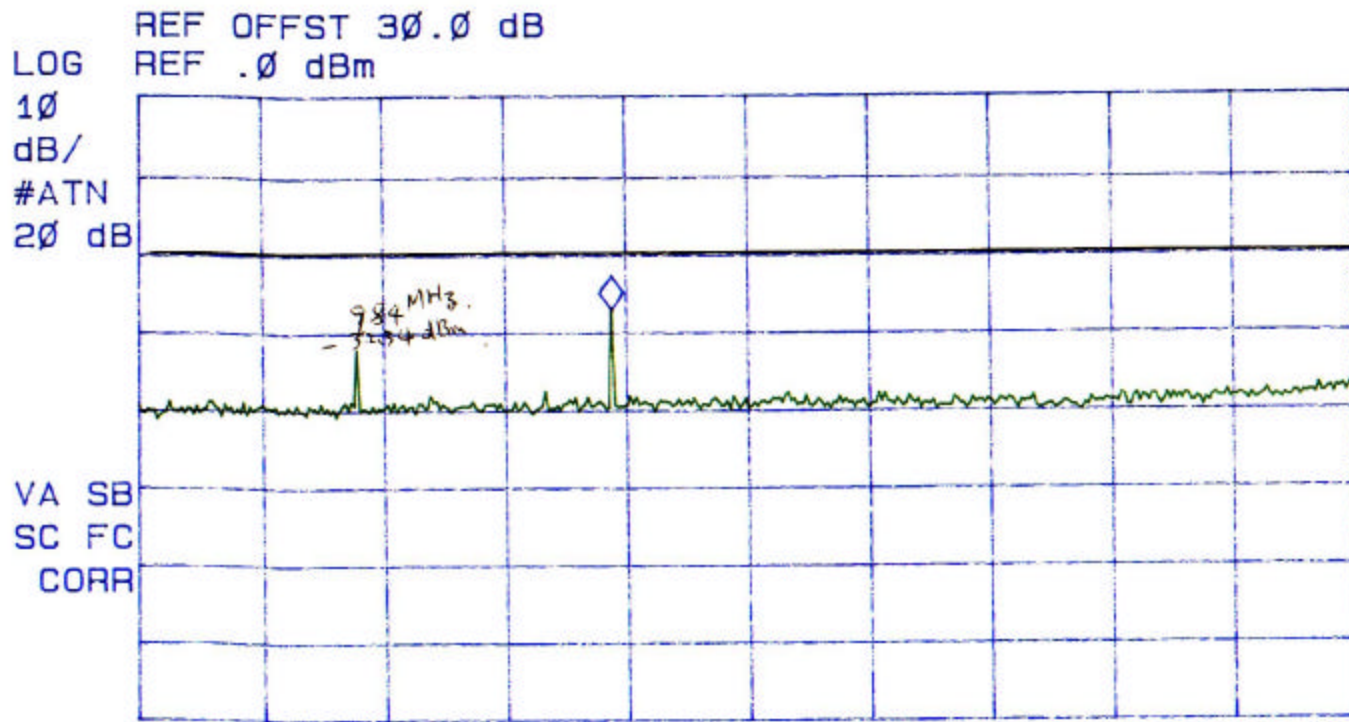
ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 35  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221  
 CH : 3 FREQUENCY 451.9 MHz OUTPUT POWER 46.28 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 # 35

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 1.473 GHz  
 -27.41 dBm



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



ANNEX 1 - RF CONDUCTED EMISSIONS AT TX RF PORT @ High Power (45 Watts) Plot # 36  
 MOBILE UHF TRANSCEIVER, Model IC-F221 IC: 202E-262301



ICOM AMERICA.  
 LAND MOBILE UHF RADIOTRANSCEIVER ( 440-490MHz Hi45 W, 12.5&25K CH  
 SPACING ) MODEL IC-F221  
 CH : 3 FREQUENCY 489.9 MHz OUTPUT POWER 46.28 dBm.  
 CH SPACING 12.5 KHz MOD : FM, 2.5KHz SINE WAVE, FREQUENCY DEV : \_\_\_\_\_ KHz  
 TRANSMITTER CONDUCTED EMISSION

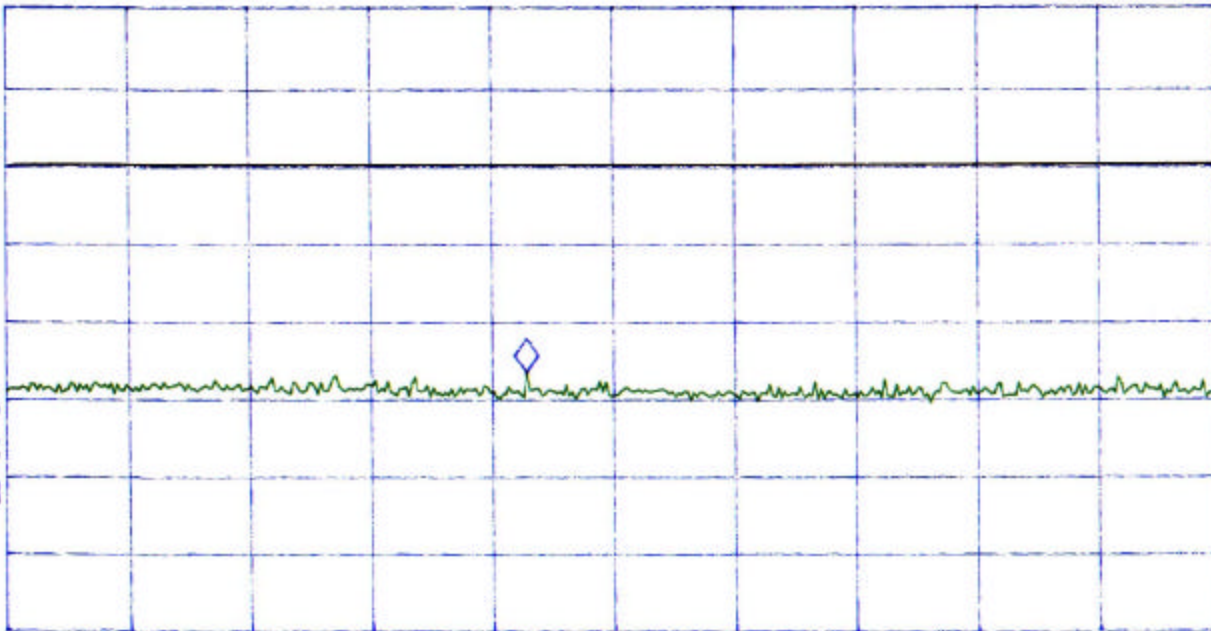
Date: Jan 22 2013  
 Tested By: Wayne  
 Plot # 36

ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 MKR 3.798 GHz  
 -46.74 dBm

LOG REF OFFST 30.0 dB  
 REF .0 dBm

10  
 dB/  
 ATN  
 10 dB

VA SB  
 SC FC  
 CORR



START 2.900 GHz STOP 5.000 GHz  
 #IF BW 100 KHz AVG BW 30 KHz SWP 2.10 sec