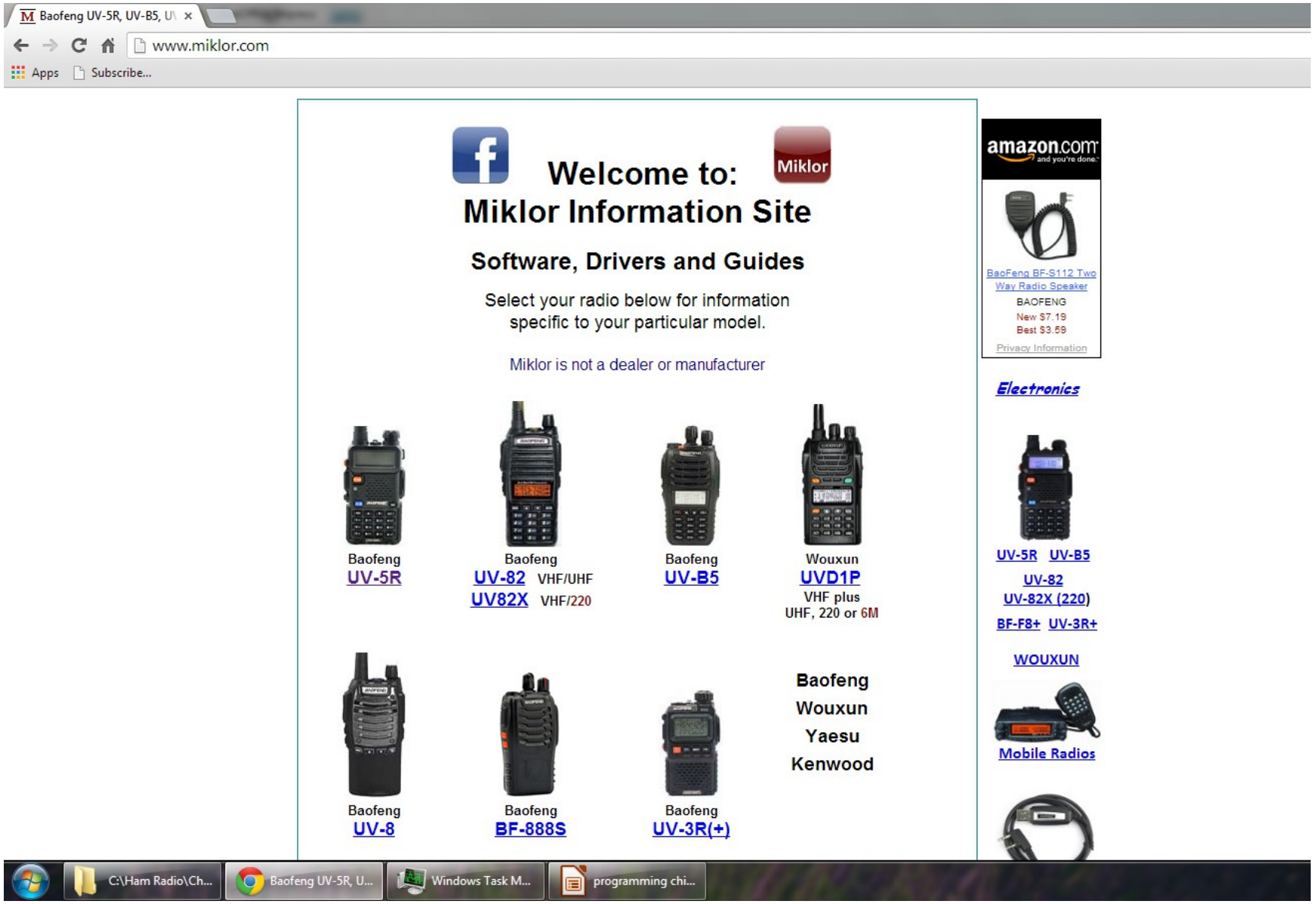
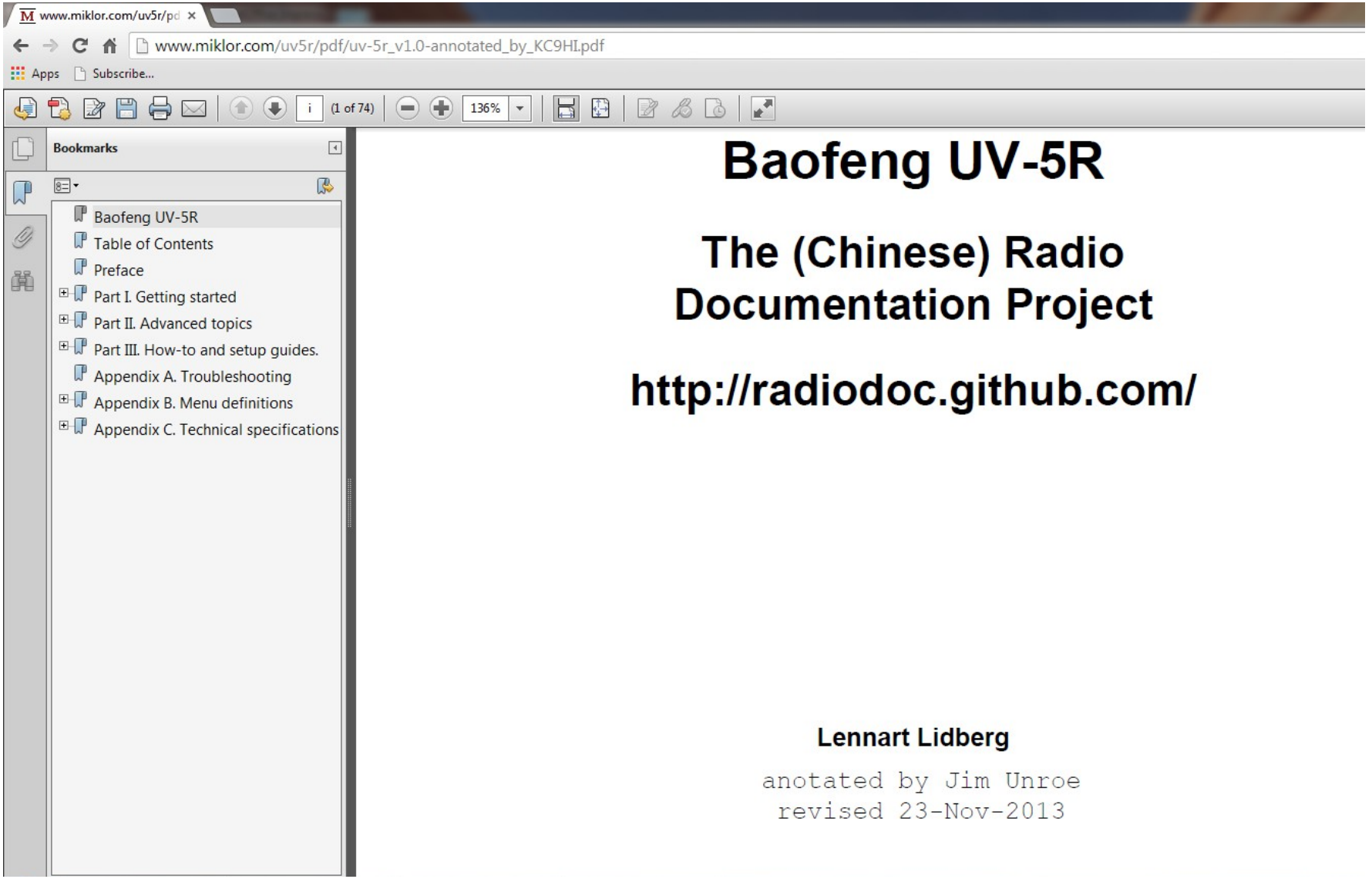
http://www.miklor.com/
(everything you ever wanted to know about Baofeng radios)

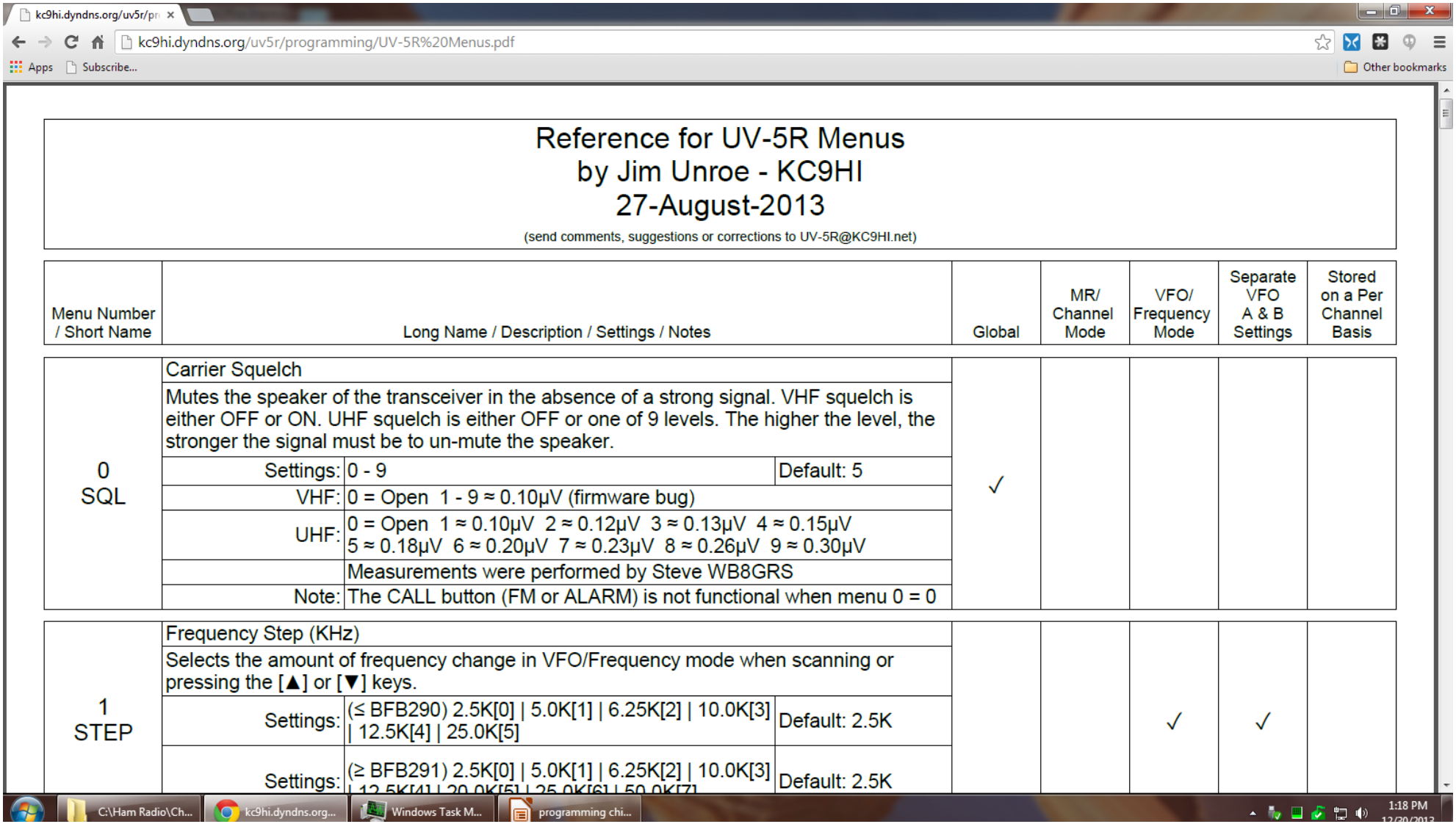


http://www.miklor.com/uv5r/
Table of Contents

http://www.miklor.com/uv5r/pdf/uv-5r_v1.0-annotated_by_KC9HI.pdf
(reachable from Miklor site – Users Manual)



http://kc9hi.dyndns.org/uv5r/programming/UV-5R%20Menus.pdf (reachable from Miklor site – explains each menu setting)



kc9hi.dyndns.org/uv5r/programming/UV-5R%20Menus.pdf

Reference for UV-5R Menus
by Jim Unroe - KC9HI
27-August-2013

(send comments, suggestions or corrections to UV-5R@KC9HI.net)

Menu Number / Short Name	Long Name / Description / Settings / Notes			Global	MR/ Channel Mode	VFO/ Frequency Mode	Separate VFO A & B Settings	Stored on a Per Channel Basis
0 SQL	Carrier Squelch			✓				
	Mutes the speaker of the transceiver in the absence of a strong signal. VHF squelch is either OFF or ON. UHF squelch is either OFF or one of 9 levels. The higher the level, the stronger the signal must be to un-mute the speaker.							
	Settings:	0 - 9	Default: 5					
	VHF:	0 = Open 1 - 9 ≈ 0.10µV (firmware bug)						
	UHF:	0 = Open 1 ≈ 0.10µV 2 ≈ 0.12µV 3 ≈ 0.13µV 4 ≈ 0.15µV 5 ≈ 0.18µV 6 ≈ 0.20µV 7 ≈ 0.23µV 8 ≈ 0.26µV 9 ≈ 0.30µV						
		Measurements were performed by Steve WB8GRS						
	Note:	The CALL button (FM or ALARM) is not functional when menu 0 = 0						
1 STEP	Frequency Step (KHz)					✓	✓	
	Selects the amount of frequency change in VFO/Frequency mode when scanning or pressing the [▲] or [▼] keys.							
	Settings:	(≤ BFB290) 2.5K[0] | 5.0K[1] | 6.25K[2] | 10.0K[3] | 12.5K[4] | 25.0K[5]	Default: 2.5K					
	Settings:	(≥ BFB291) 2.5K[0] | 5.0K[1] | 6.25K[2] | 10.0K[3] | 12.5K[4] | 20.0K[5] | 25.0K[6] | 50.0K[7]	Default: 2.5K					

Miklor
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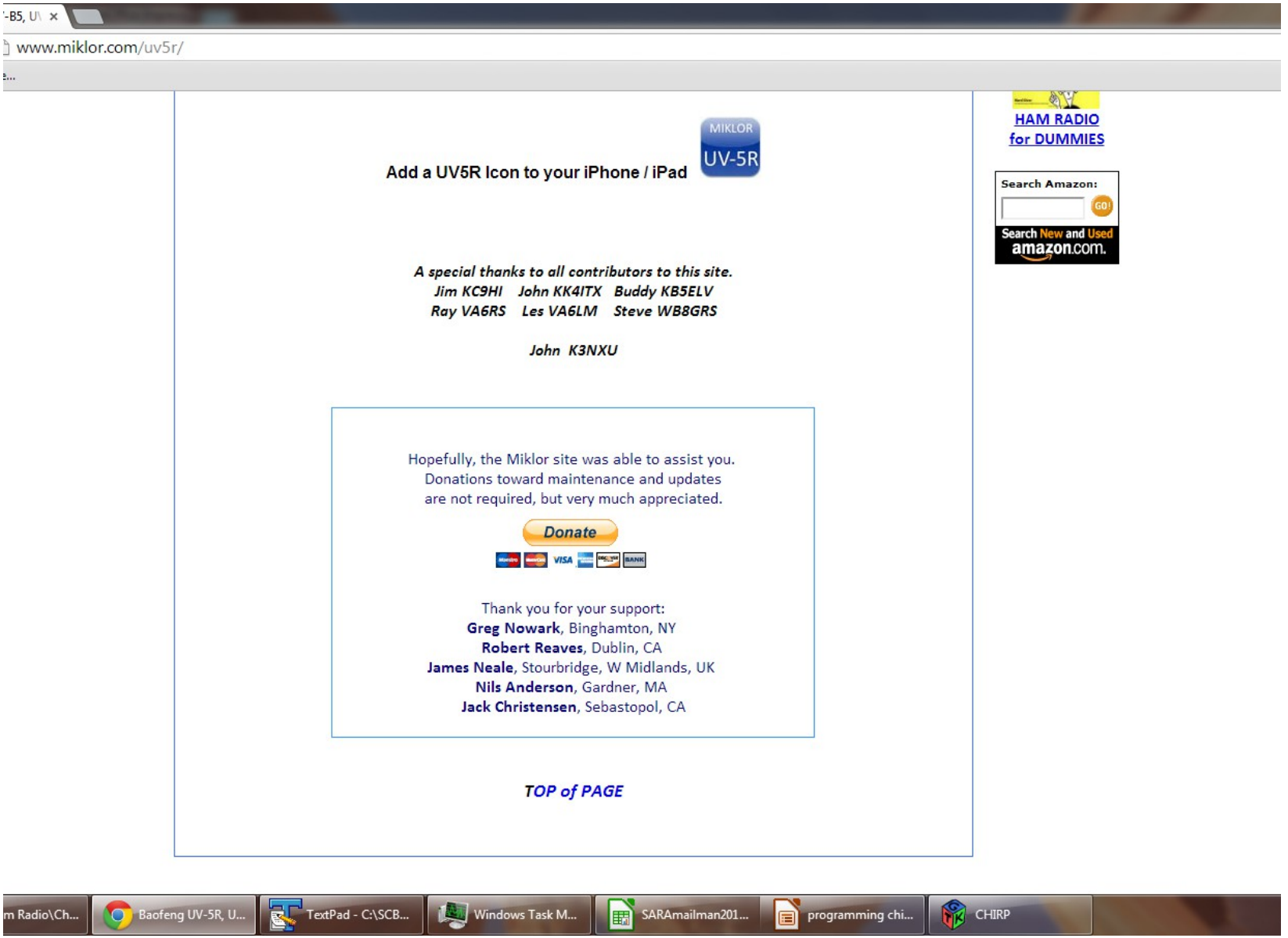


Commonly Used Menu Items

0	SQL	RF Squelch
2	TXP	Transmit power*
11	R-CTCS	Receive CTCSS (PL)
13	T-CTCS	Transmit CTCSS (PL)
25	SFT-D	Repeater Shift
26	OFFSET	Repeater Offset (MHz)
27	MEM-CH	Save to memory channel ...
28	DEL-CH	Delete memory channel ...

* Tap # key to temporarily change power

- Tap SCAN key to monitor the input
- Menu Item 5 (WN) – Wideband/Narrowband – leave on WIDE for amateur use

WTF Menu Items (1 of 2)

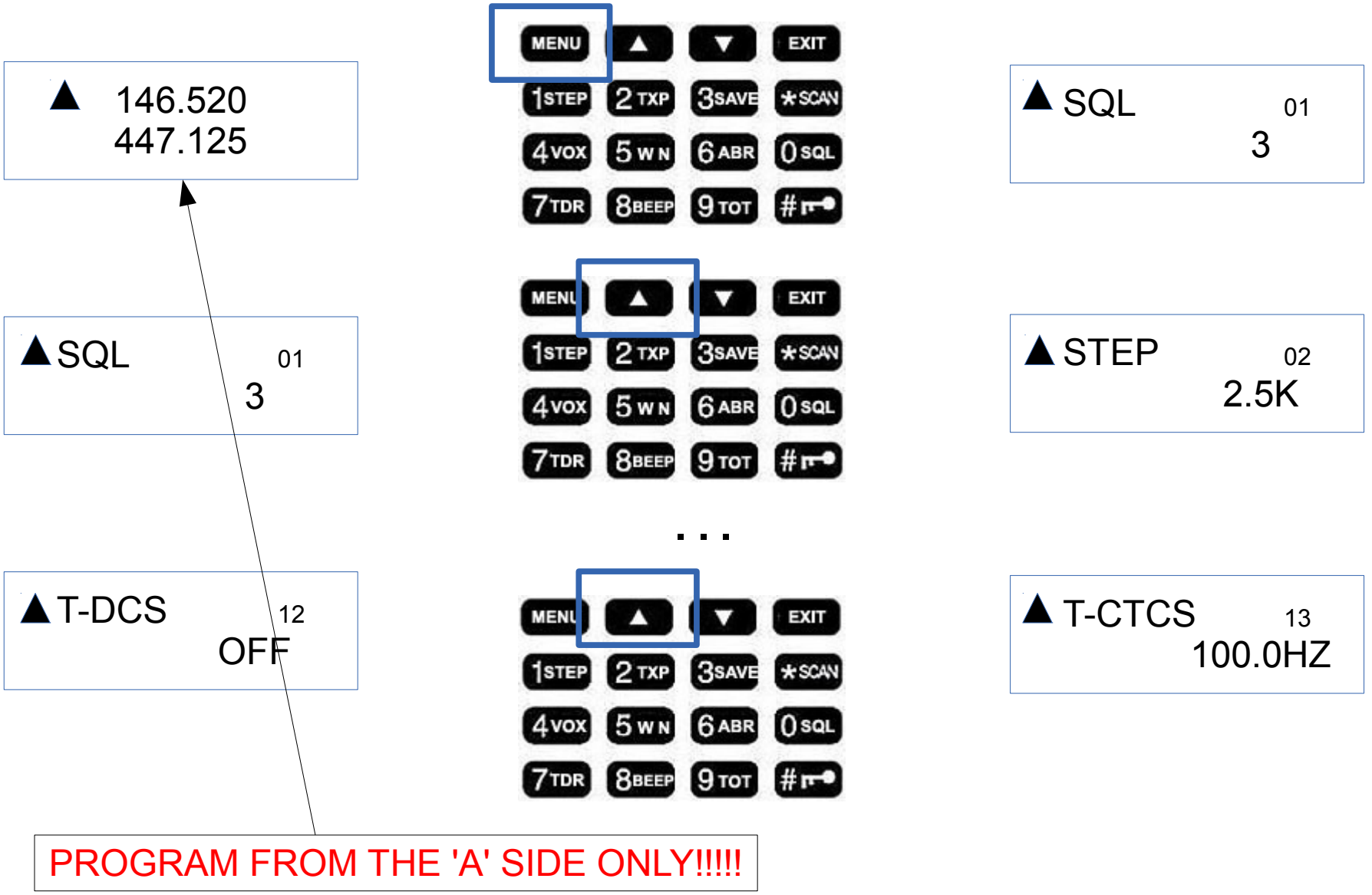
7	TDR	Dual watch (monitor A and B at same time). May change the transmit side – be careful with TDR-AB setting*
34	TDR-AB	Side for transmit after receiving a signal when TDR is on
9	TOT	Limit transmission time to xx seconds
14	VOICE	Voice confirmation of keypresses/menu selections. Choice of English, Chinese, or OFF
15	ANI-ID	A coded signal that is sent when an “alarm” is activated. Just leave it as is
17	S-CODE	Sends a DTMF code on transmit/end of transmit
19	PTT-ID	Activates the DTMF code on transmit/end of transmit. Set to OFF
20	PTT-LT	Delay before sending PTT-ID. Just leave it as is
23	BCL	Busy channel lockout – prevents transmitting when a channel is busy. Set to OFF
32	AL-MOD	Alarm mode. Set it to SITE

* Wouxon does not change the transmit side on dual watch

WTF Menu Items (2 of 2)

32	AL-MOD	Alarm mode. Set it to SITE
35	STE	Squelch Tail Elimination – squelches tail noise in simplex. Set to OFF
36	RP-STE	Squelch Tail Elimination Repeater – squelches tail noise from a repeater (i.e., the courtesy tone)
37	RPT-RL	Squelch Tail Delay. Set to OFF
39	ROGER	Sends an end-of-transmission tone after PTT release. Set to OFF
40	RESET	Resets all settings and erases memories

Basic Manual Programming Flow (1 of 2)



Basic Manual Programming Flow (2 of 2)

▲ T-CTCS 13
100.0HZ

▼ T-CTCS 13
100.0HZ

▼ T-CTCS 13
100.0HZ

▼ T-CTCS 13
103.5HZ

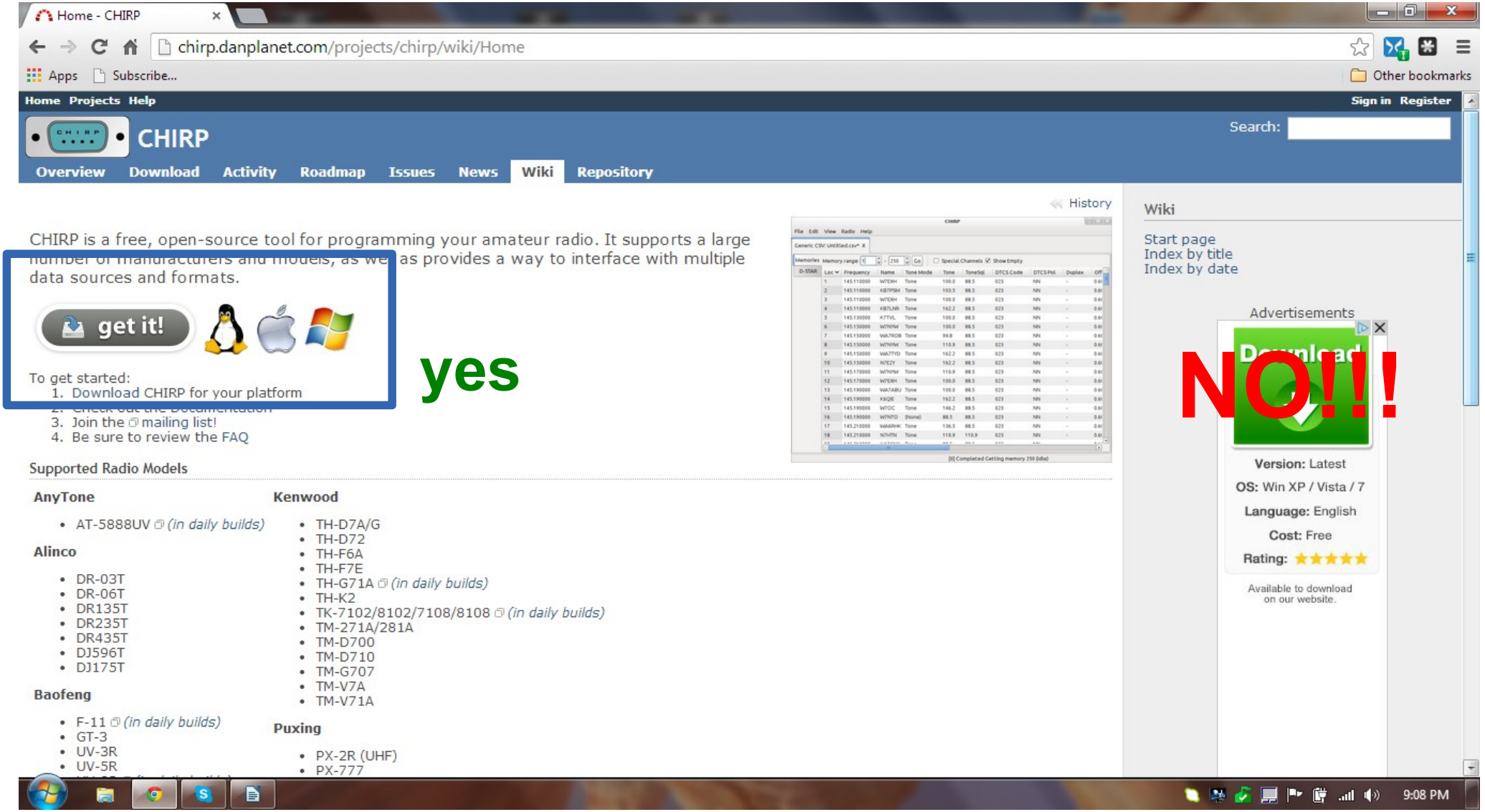
▼ T-CTCS 13
103.5HZ

▲ T-CTCS 13
103.5HZ

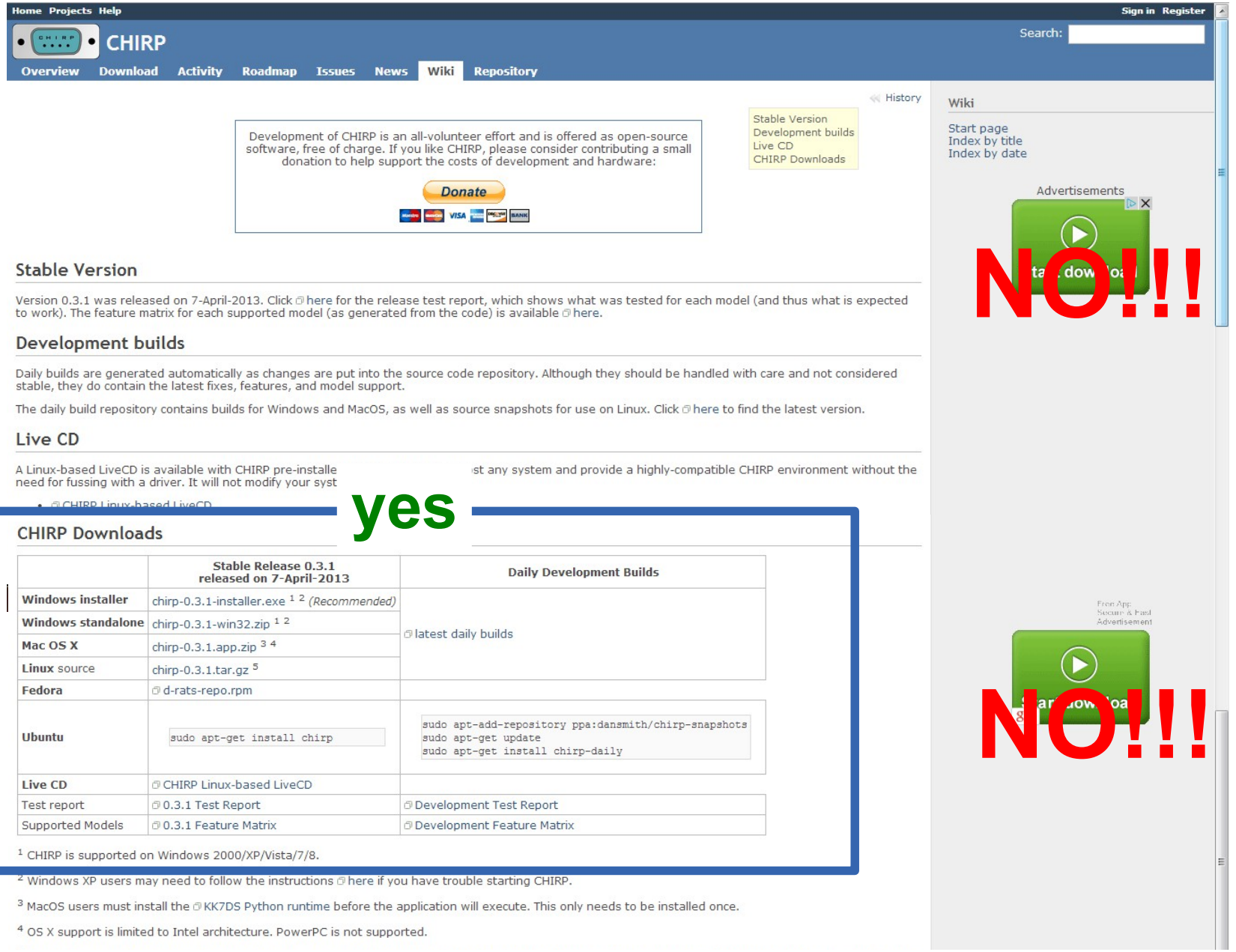
▲ T-CTCS 13
103.5HZ

▲ 146.520
447.125

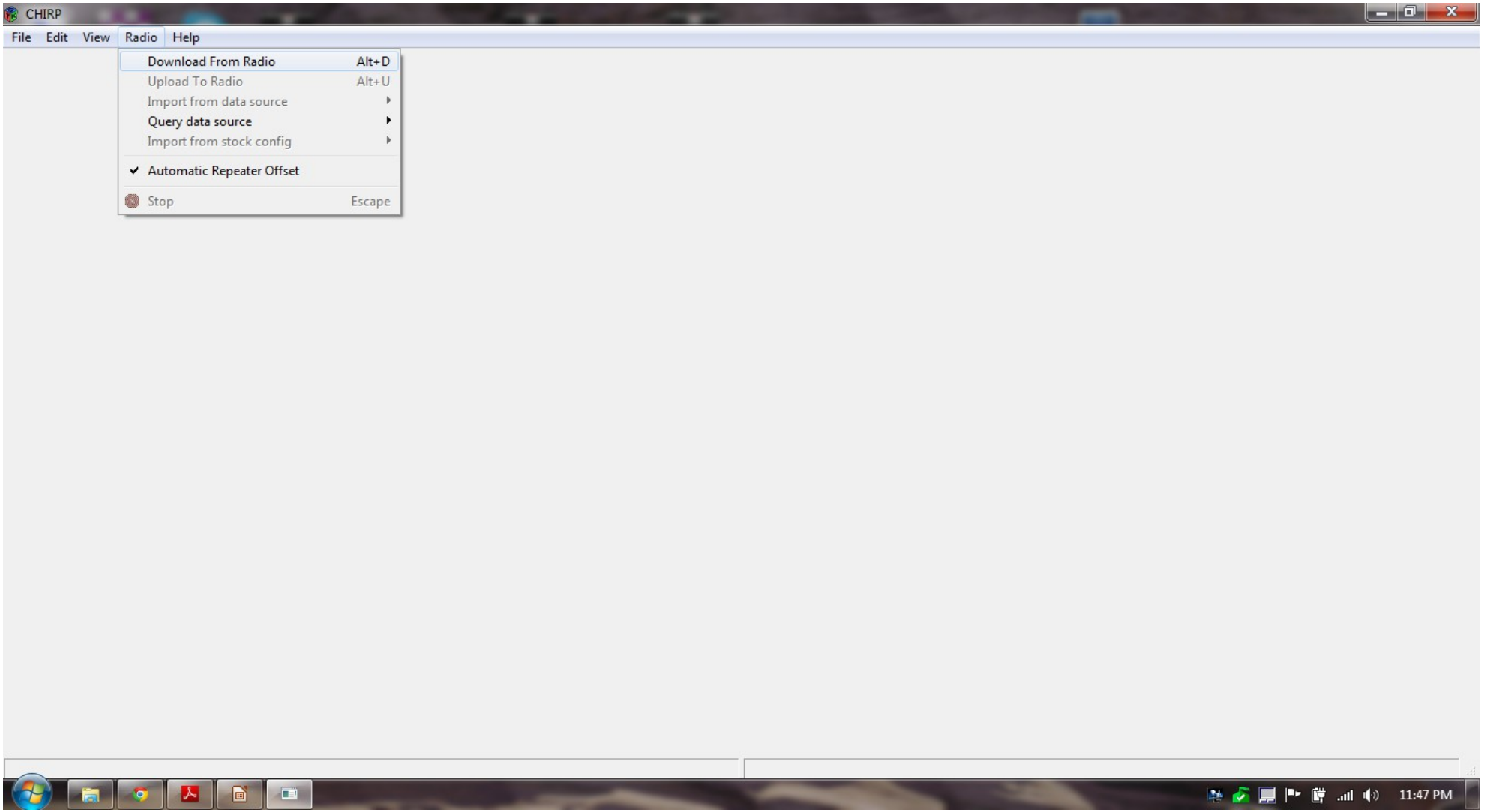
http://chirp.danplanet.com/projects/chirp/wiki/Home



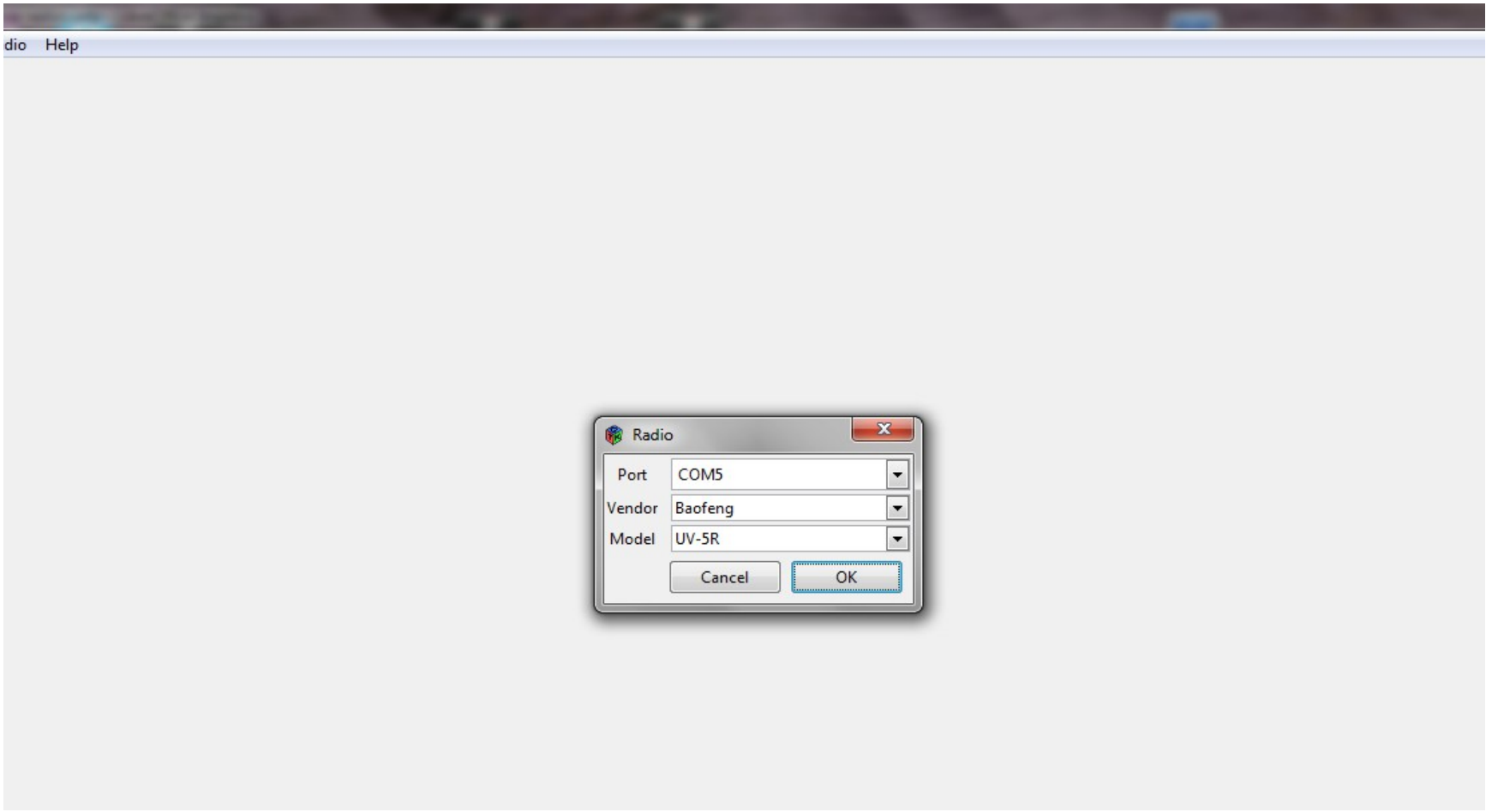
CHIRP Download Page



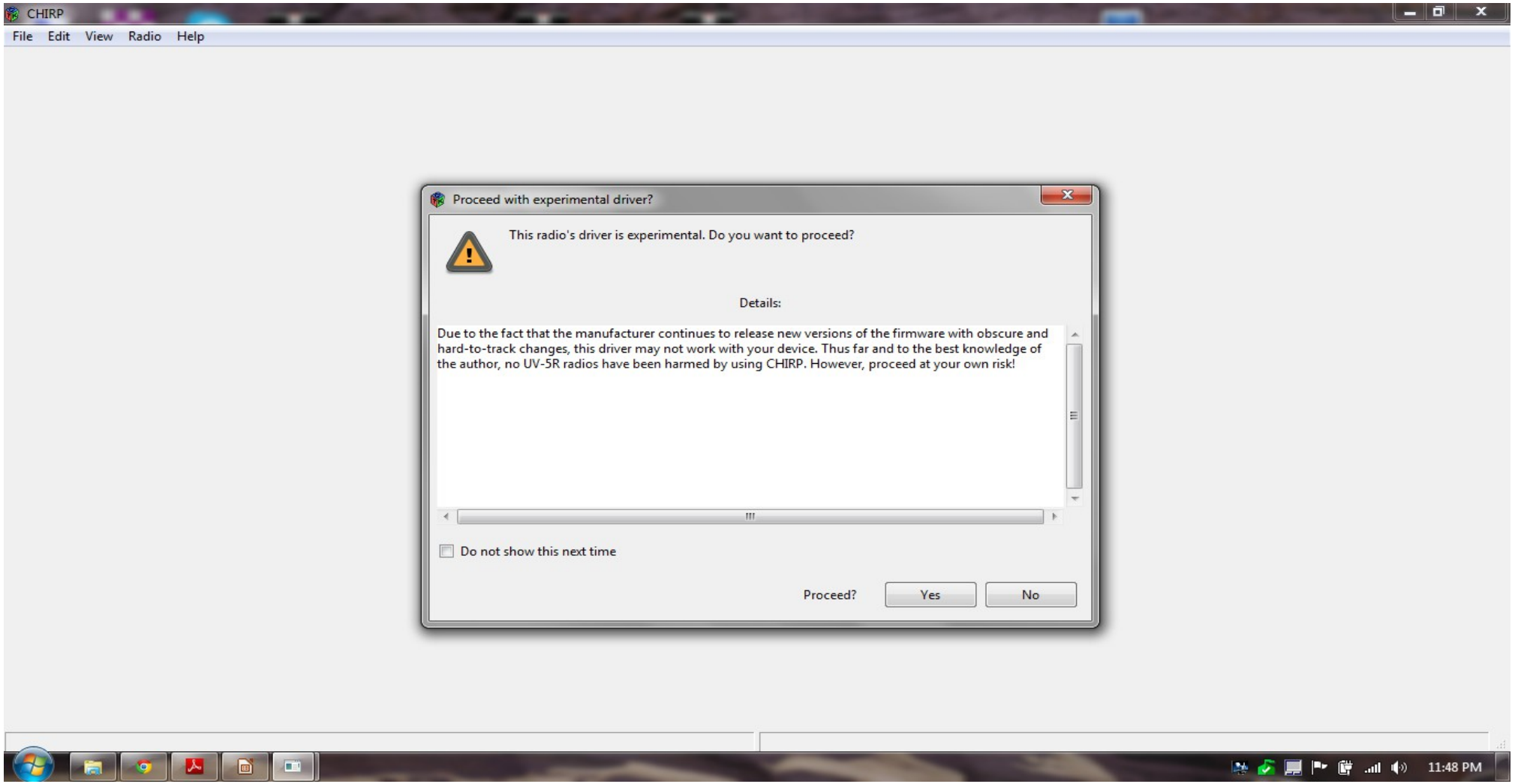
CHIRP
First download from the radio



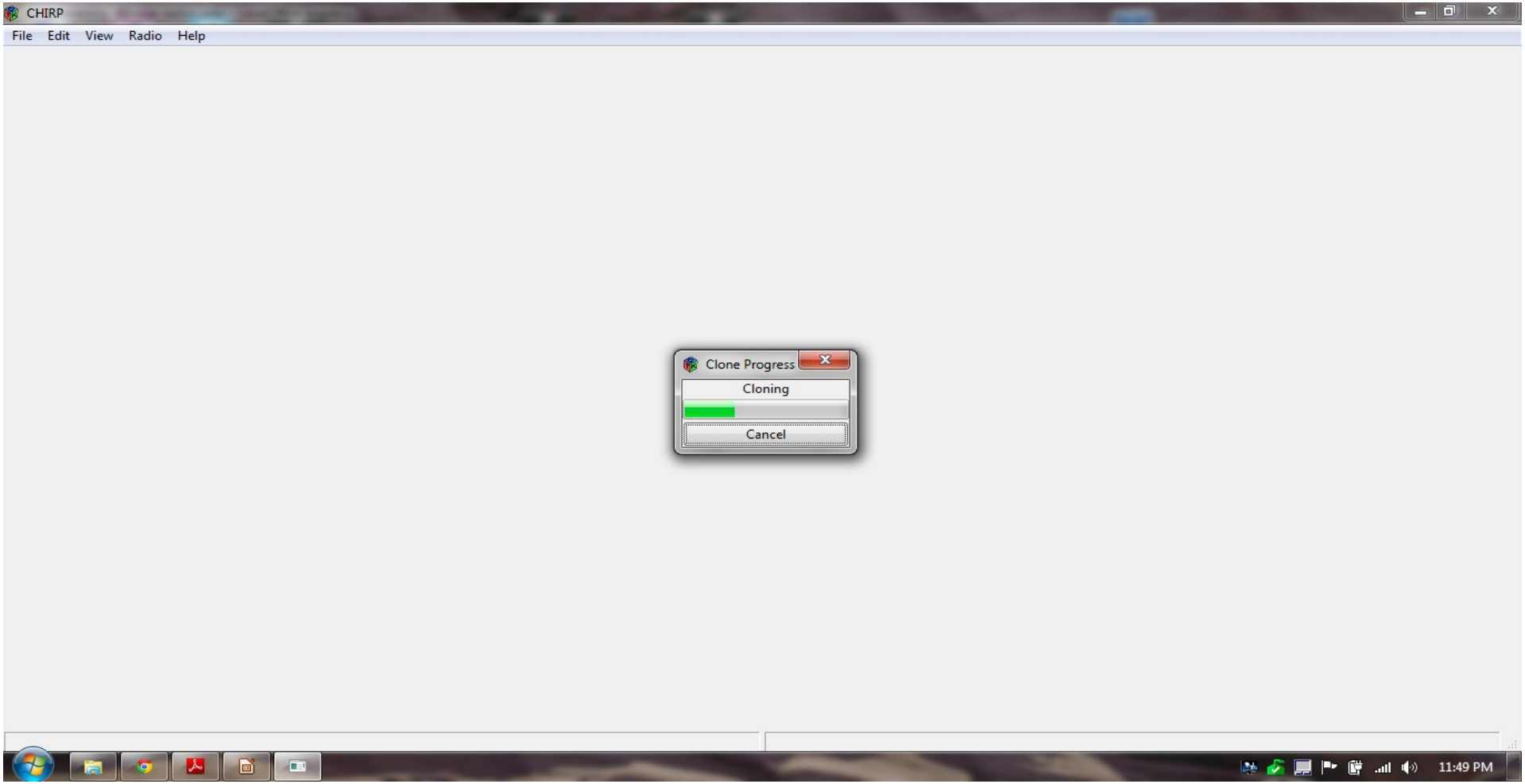
CHIRP
Specify your radio type



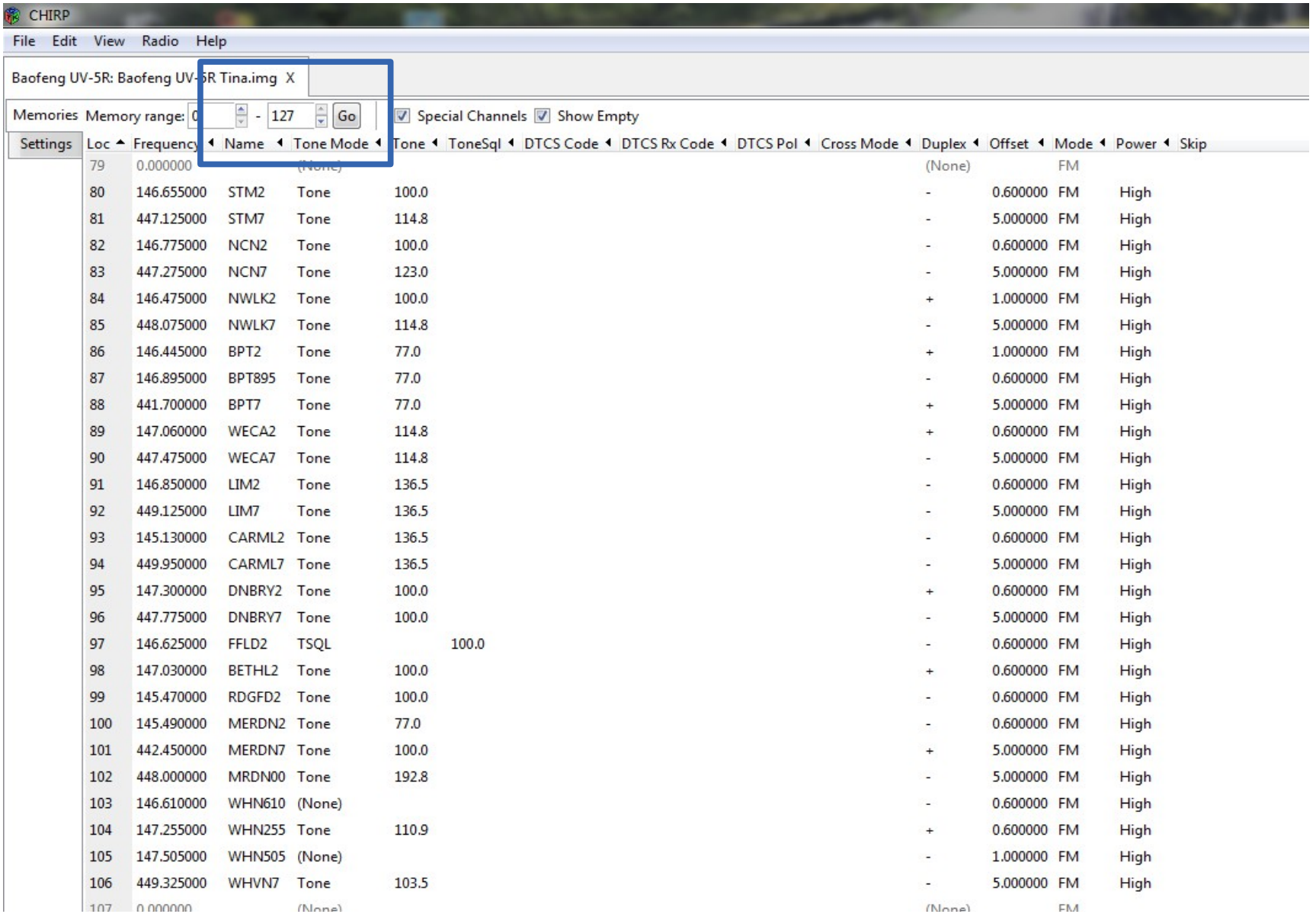
CHIRP
Standard warning



CHIRP
Radio is downloading to the computer



CHIRP
Radio has downloaded – showing the Memories



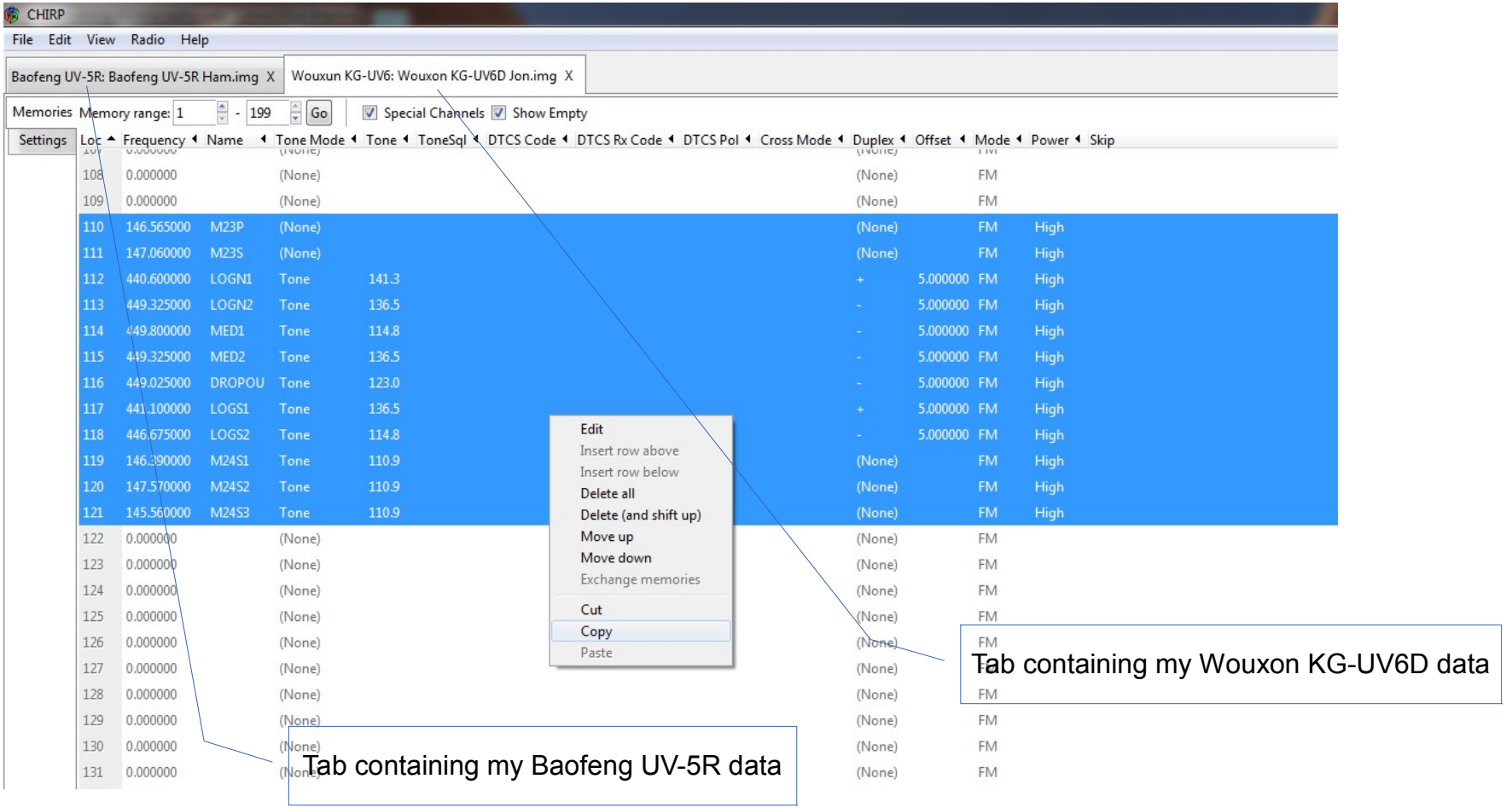
Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
79	0.000000		(None)							(None)		FM		
80	146.655000	STM2	Tone	100.0						-	0.600000	FM	High	
81	447.125000	STM7	Tone	114.8						-	5.000000	FM	High	
82	146.775000	NCN2	Tone	100.0						-	0.600000	FM	High	
83	447.275000	NCN7	Tone	123.0						-	5.000000	FM	High	
84	146.475000	NWLK2	Tone	100.0						+	1.000000	FM	High	
85	448.075000	NWLK7	Tone	114.8						-	5.000000	FM	High	
86	146.445000	BPT2	Tone	77.0						+	1.000000	FM	High	
87	146.895000	BPT895	Tone	77.0						-	0.600000	FM	High	
88	441.700000	BPT7	Tone	77.0						+	5.000000	FM	High	
89	147.060000	WECA2	Tone	114.8						+	0.600000	FM	High	
90	447.475000	WECA7	Tone	114.8						-	5.000000	FM	High	
91	146.850000	LIM2	Tone	136.5						-	0.600000	FM	High	
92	449.125000	LIM7	Tone	136.5						-	5.000000	FM	High	
93	145.130000	CARML2	Tone	136.5						-	0.600000	FM	High	
94	449.950000	CARML7	Tone	136.5						-	5.000000	FM	High	
95	147.300000	DNBRY2	Tone	100.0						+	0.600000	FM	High	
96	447.775000	DNBRY7	Tone	100.0						-	5.000000	FM	High	
97	146.625000	FFLD2	TSQL		100.0					-	0.600000	FM	High	
98	147.030000	BETHL2	Tone	100.0						+	0.600000	FM	High	
99	145.470000	RDGFD2	Tone	100.0						-	0.600000	FM	High	
100	145.490000	MERDN2	Tone	77.0						-	0.600000	FM	High	
101	442.450000	MERDN7	Tone	100.0						+	5.000000	FM	High	
102	448.000000	MRDN00	Tone	192.8						-	5.000000	FM	High	
103	146.610000	WHN610	(None)							-	0.600000	FM	High	
104	147.255000	WHN255	Tone	110.9						+	0.600000	FM	High	
105	147.505000	WHN505	(None)							-	1.000000	FM	High	
106	449.325000	WHVN7	Tone	103.5						-	5.000000	FM	High	
107	0.000000		(None)							(None)		FM		

CHIRP
Using someone else's memory file – 1 of 4

- Do NOT simply upload someone else's file
  - The settings in someone else's file may mess up your radio – even if the other file is for the same make/model of radio
  - Even worse if it's from a different radio.
- Instead
  - Export the other person's memory values as a CSV file
  - Download from your radio
  - Import the CSV file
  - Copy/paste into the memory settings you downloaded from your radio
  - Upload your file (with the new memory settings) back into your radio

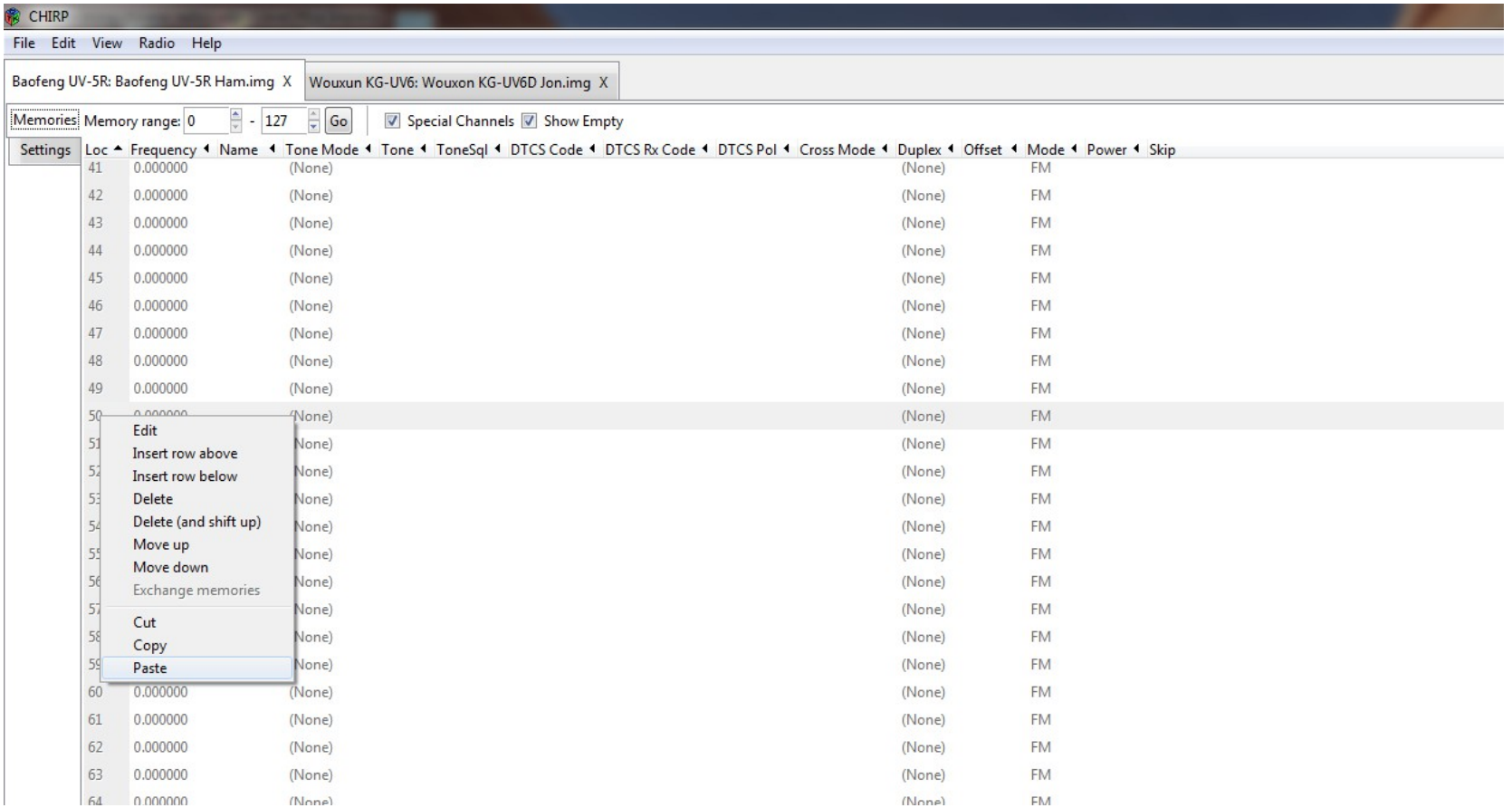
CHIRP lets you treat the memory settings like an Excel spreadsheet. You can copy/paste row, insert rows, delete rows, sort, etc.

CHIRP
Using someone else's memory file – 2 of 4



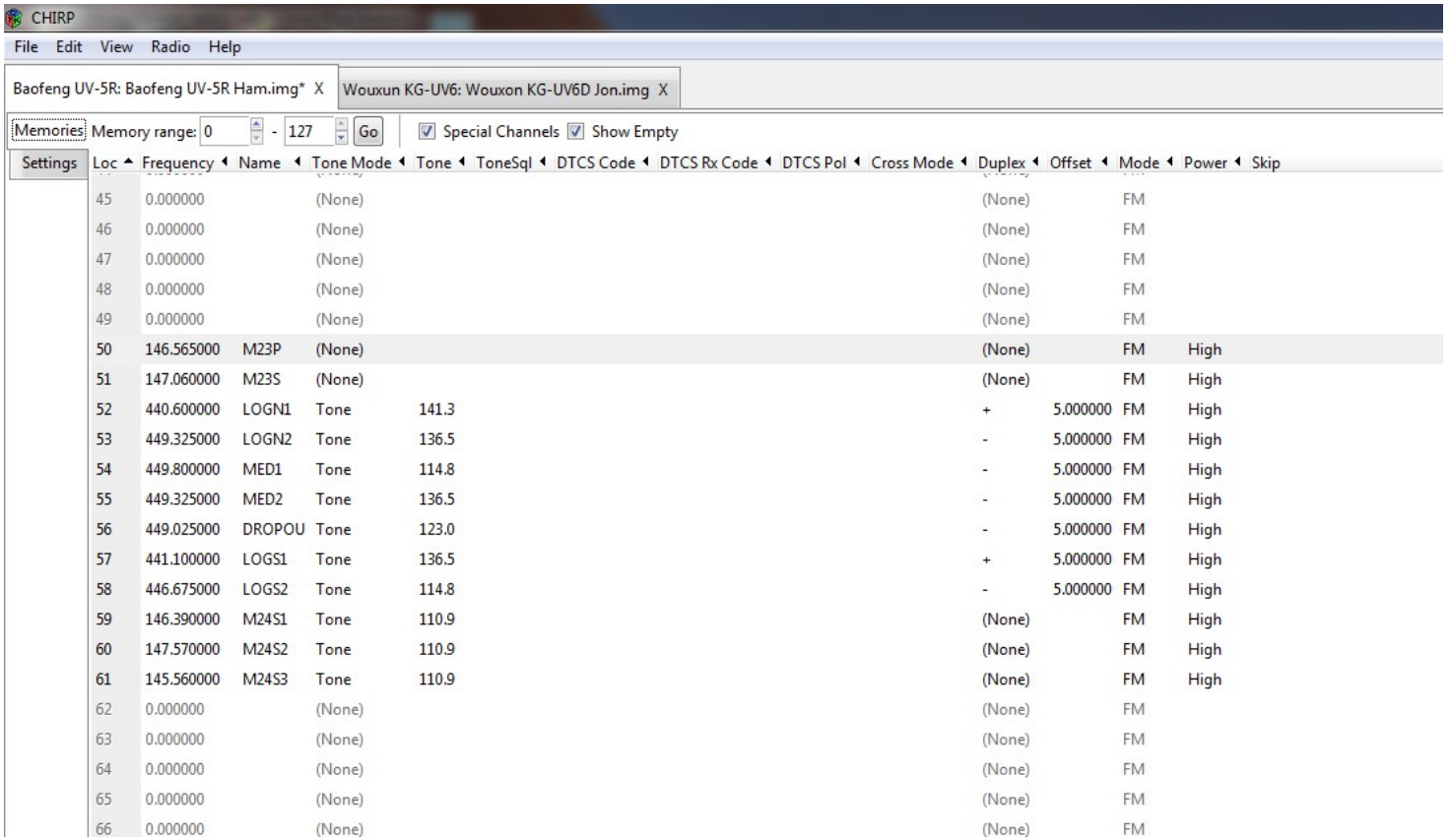
Rows from the Wouxon KG-UV6D data have been highlighted for copy/paste

CHIRP
Using someone else's memory file – 3 of 4



Getting ready to paste the data starting at row 50 of my Baofeng UV-5R data

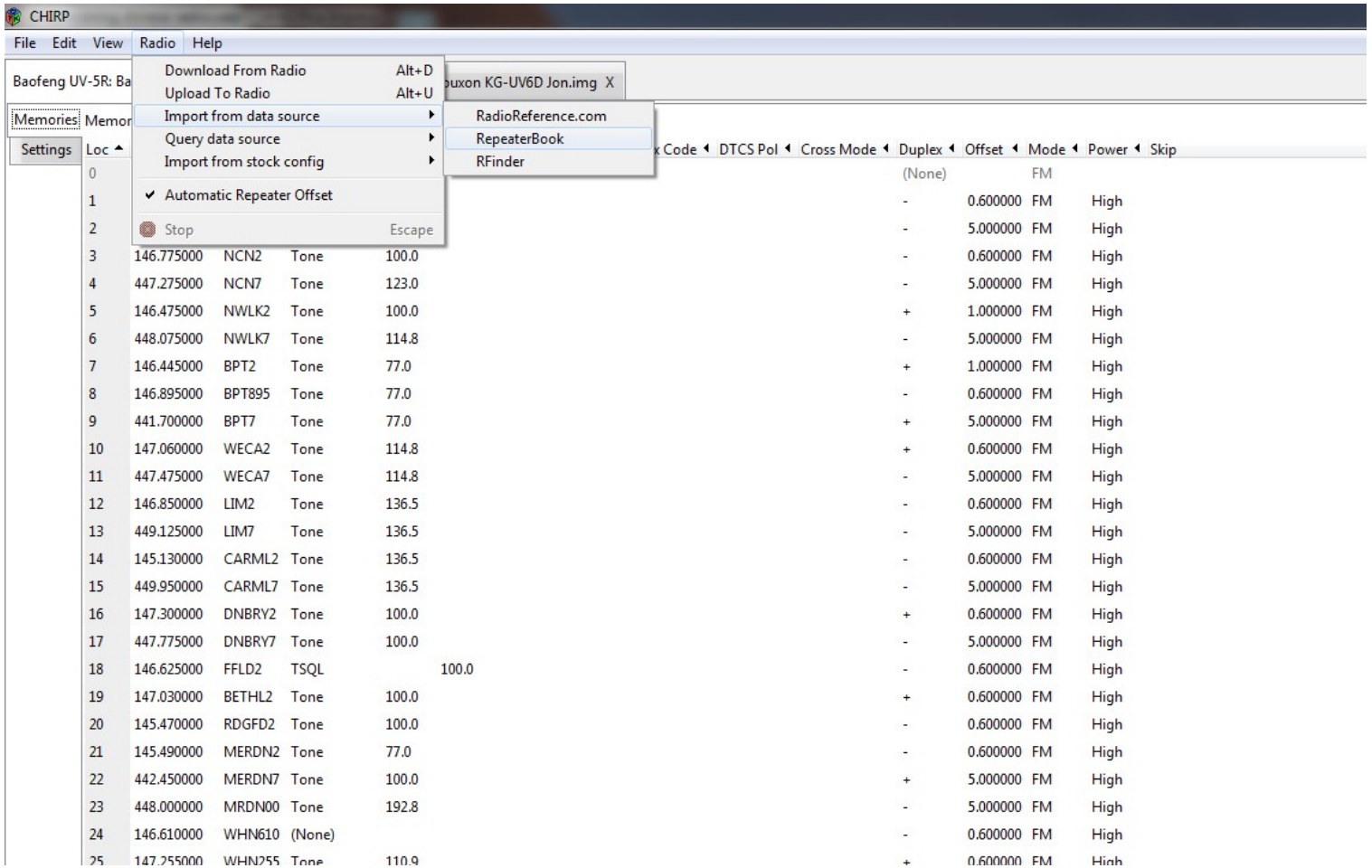
CHIRP
Using someone else's memory file – 4 of 4



Loc	Frequency	Name	Tone Mode	Tone	ToneSql	DTCS Code	DTCS Rx Code	DTCS Pol	Cross Mode	Duplex	Offset	Mode	Power	Skip
45	0.000000		(None)							(None)		FM		
46	0.000000		(None)							(None)		FM		
47	0.000000		(None)							(None)		FM		
48	0.000000		(None)							(None)		FM		
49	0.000000		(None)							(None)		FM		
50	146.565000	M23P	(None)							(None)		FM	High	
51	147.060000	M23S	(None)							(None)		FM	High	
52	440.600000	LOGN1	Tone	141.3						+	5.000000	FM	High	
53	449.325000	LOGN2	Tone	136.5						-	5.000000	FM	High	
54	449.800000	MED1	Tone	114.8						-	5.000000	FM	High	
55	449.325000	MED2	Tone	136.5						-	5.000000	FM	High	
56	449.025000	DROPOU	Tone	123.0						-	5.000000	FM	High	
57	441.100000	LOGS1	Tone	136.5						+	5.000000	FM	High	
58	446.675000	LOGS2	Tone	114.8						-	5.000000	FM	High	
59	146.390000	M24S1	Tone	110.9						(None)		FM	High	
60	147.570000	M24S2	Tone	110.9						(None)		FM	High	
61	145.560000	M24S3	Tone	110.9						(None)		FM	High	
62	0.000000		(None)							(None)		FM		
63	0.000000		(None)							(None)		FM		
64	0.000000		(None)							(None)		FM		
65	0.000000		(None)							(None)		FM		
66	0.000000		(None)							(None)		FM		

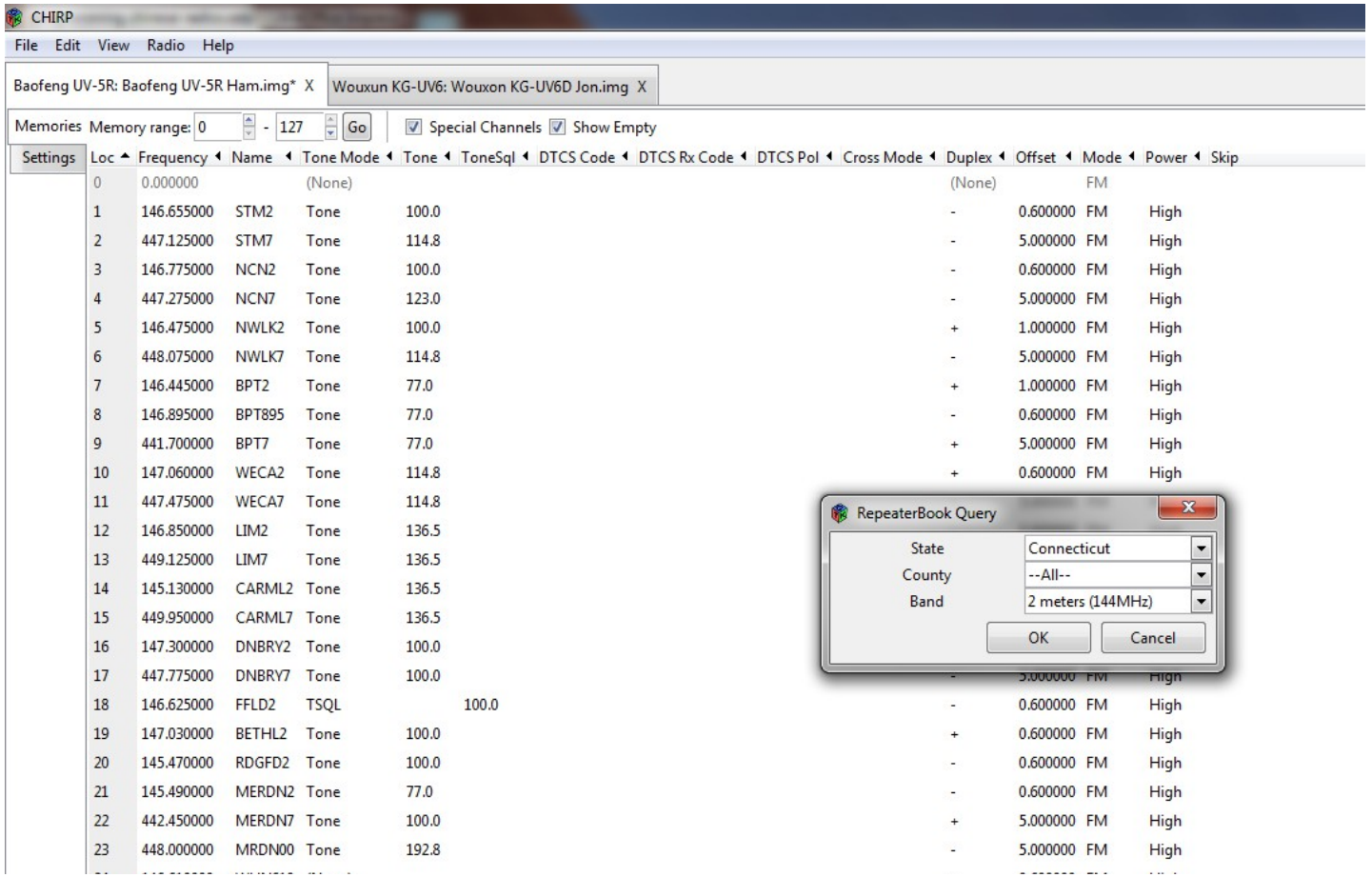
Data has been pasted from the Wouxon file to row 50 of my Baofeng UV-5R data

CHIRP
Import from RepeaterBook – 1 of 2



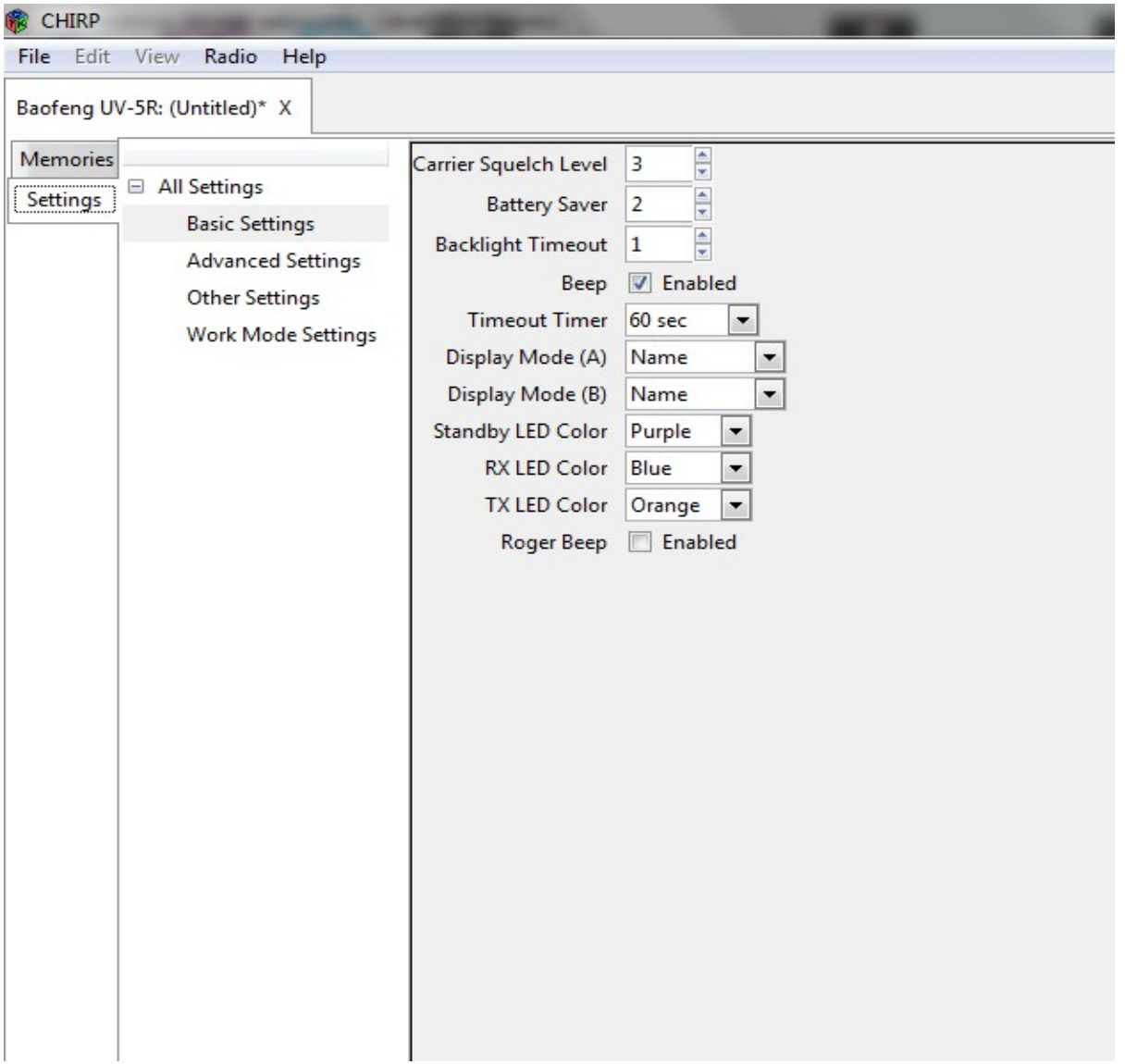
Select Data Source (RepeaterBook)

CHIRP
Import from RepeaterBook – 2 of 2

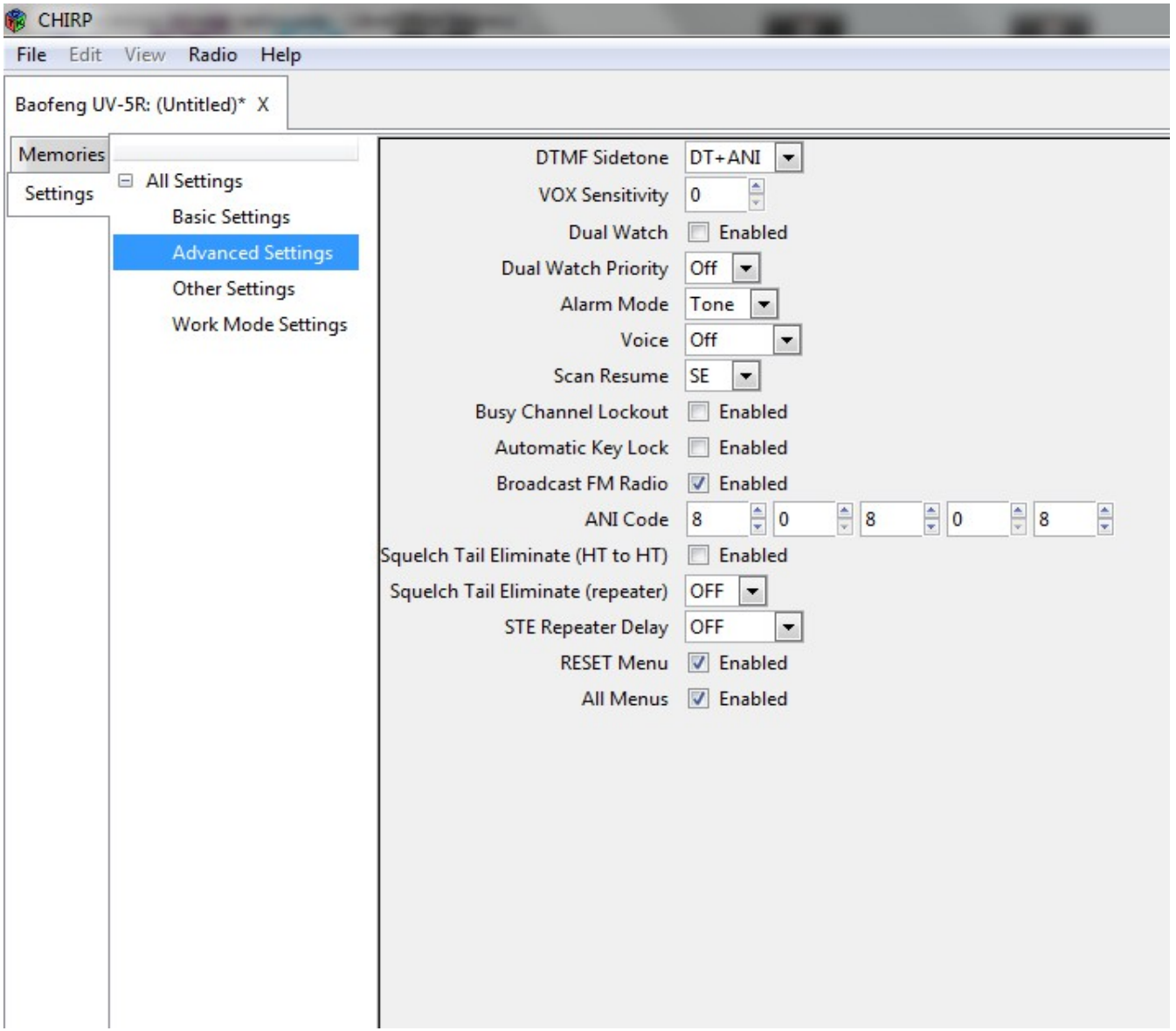


Requesting all 2 meter repeaters in Connecticut

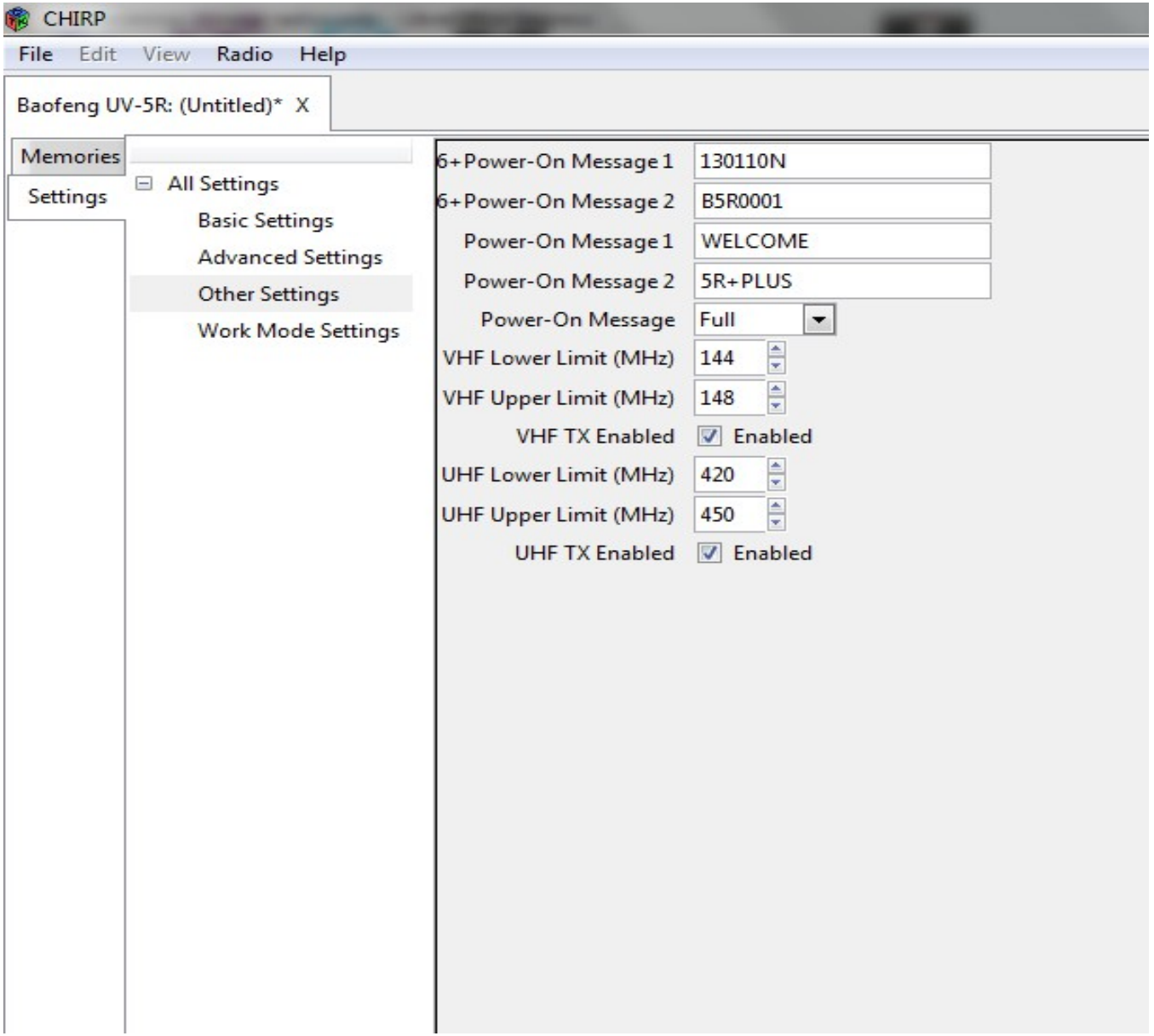
CHIRP
Settings (1 of 4)



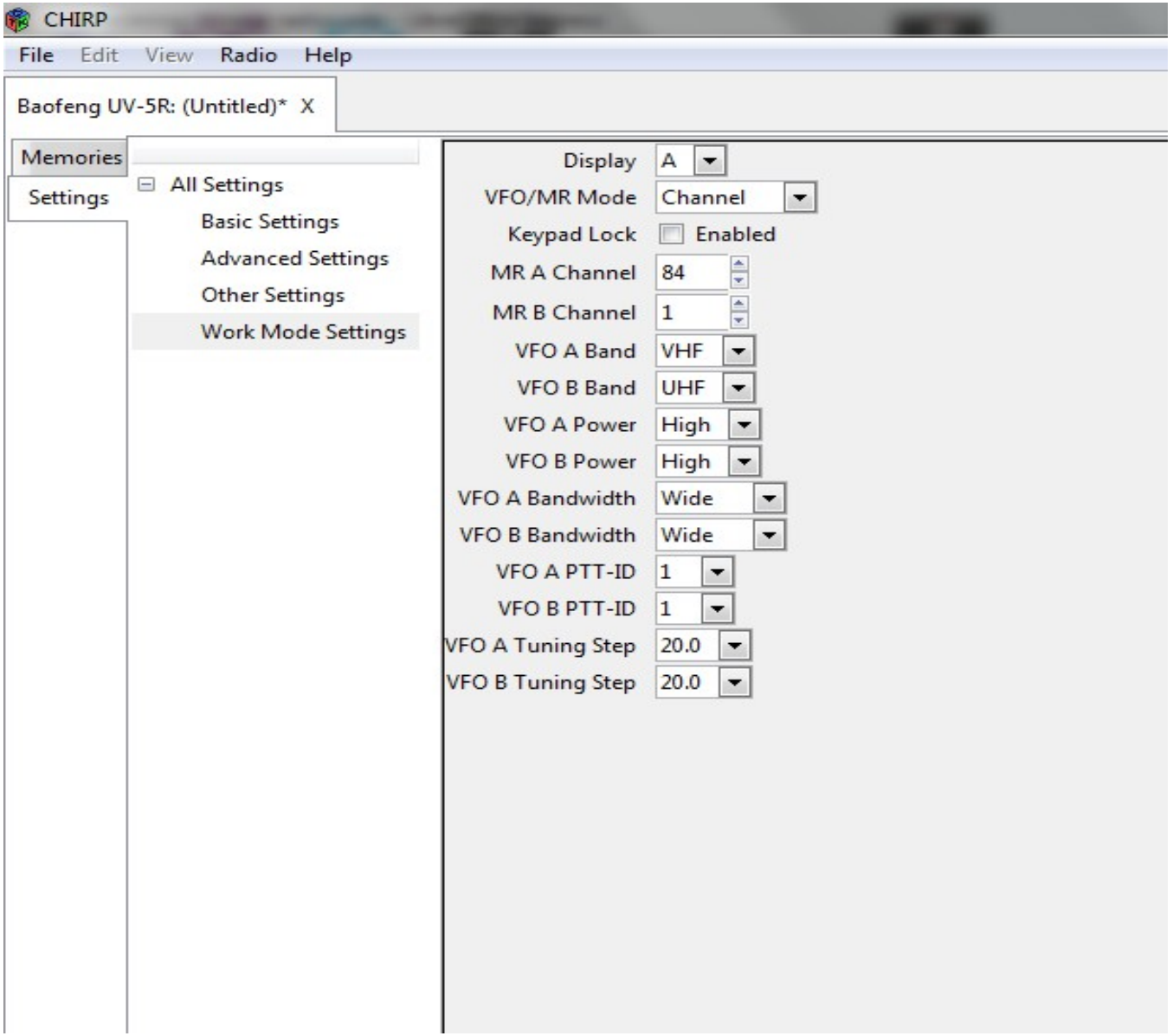
CHIRP
Settings (2 of 4)



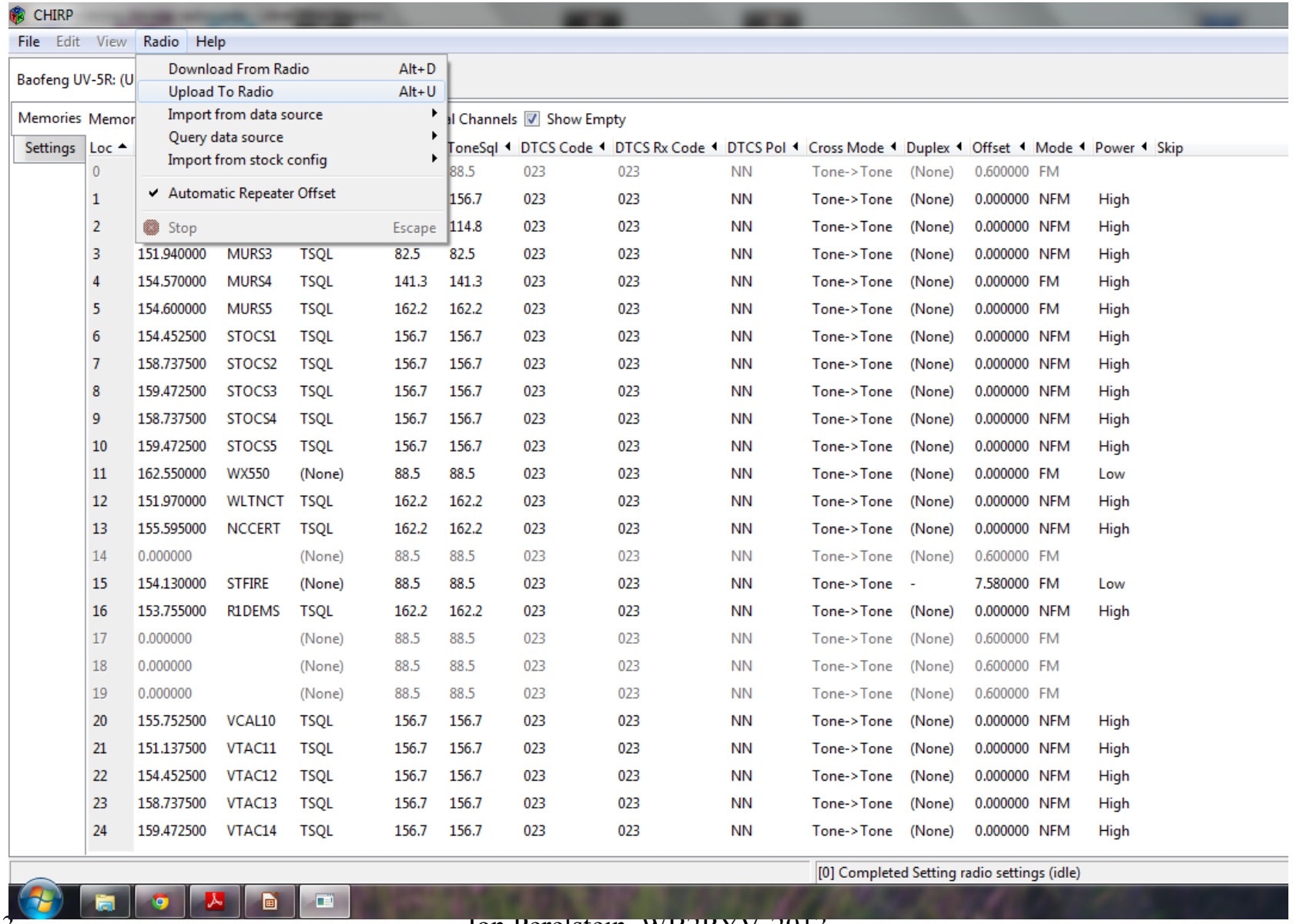
CHIRP
Settings (3 of 4)



CHIRP
Settings (4 of 4)



CHIRP
Upload to Radio



CHIRP
Please Donate