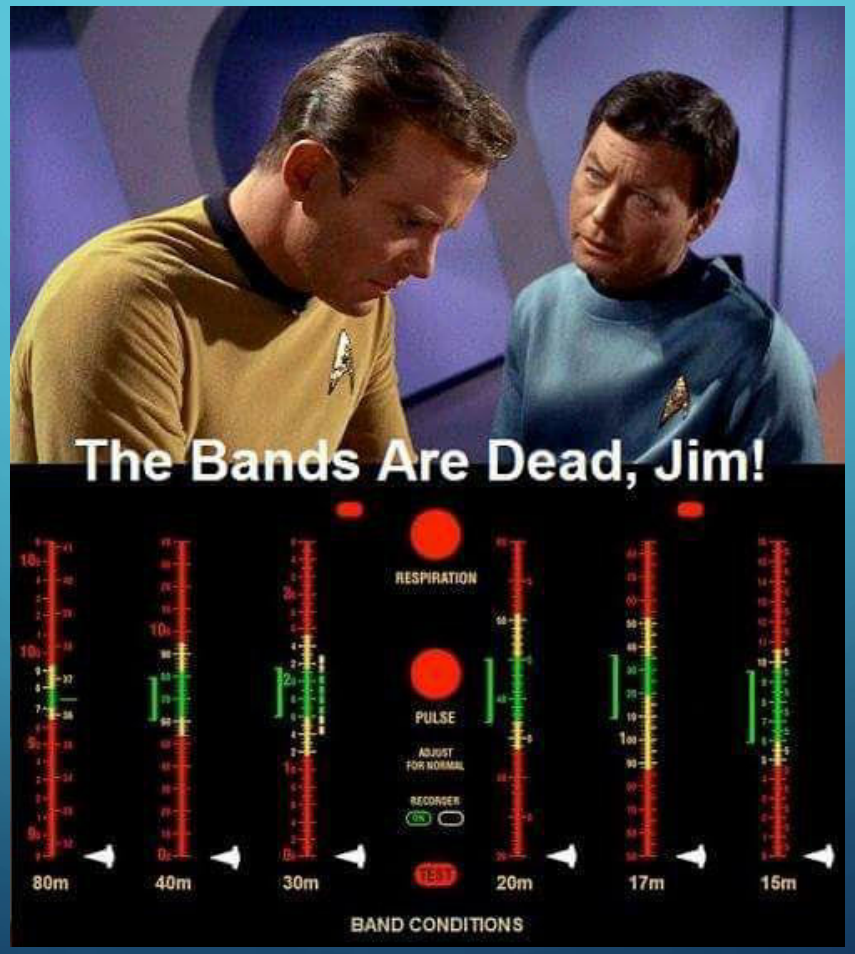
WE'VE ALL BEEN THERE !

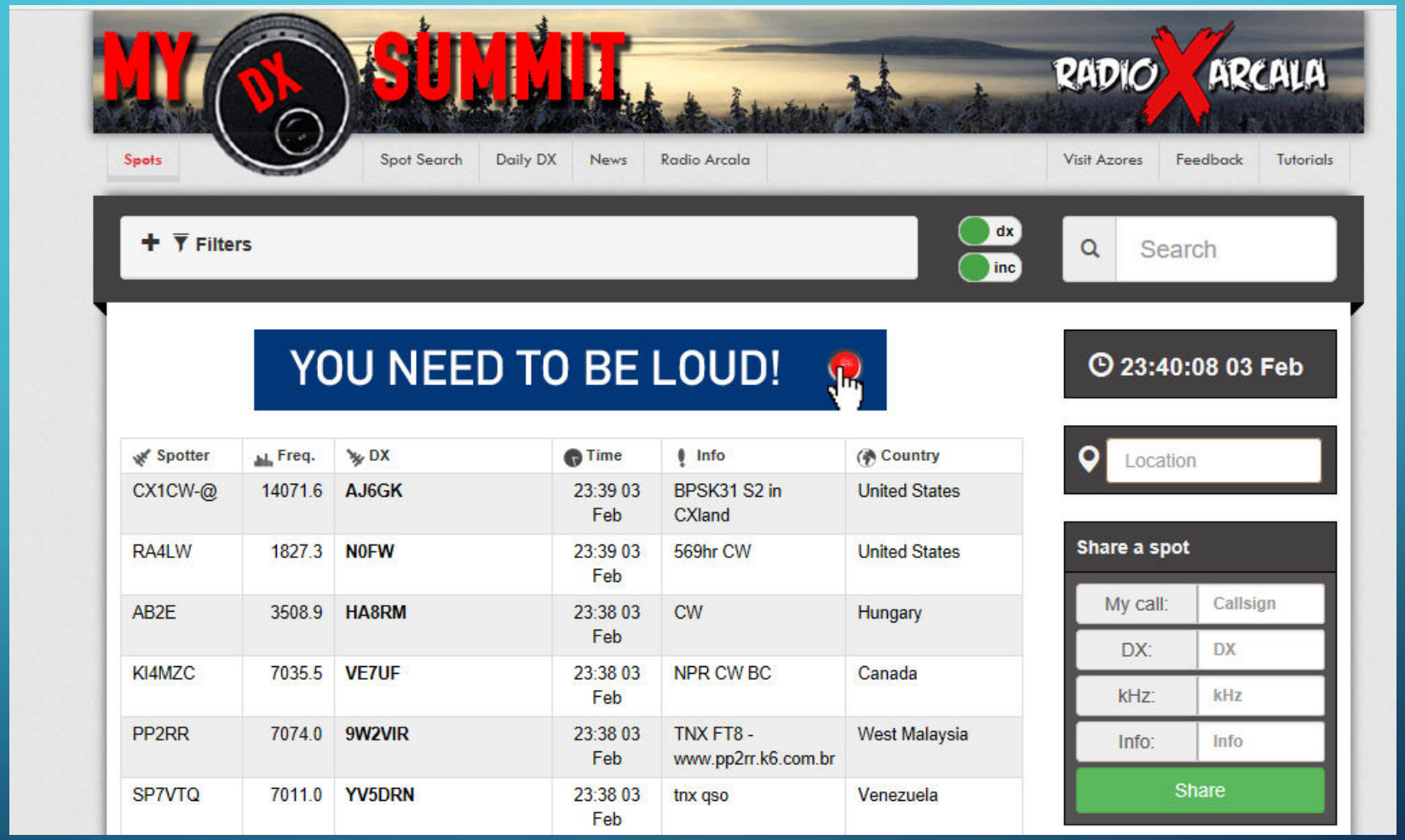


AFTER A WHILE WE THINK IS JUST ME? BETTER CHECK THE AERIAL!

Looks OK, it's SWR is 1 to 1

BUT SO IS THIS!

SO HOW TO YOU KNOW YOUR GETTING OUT?

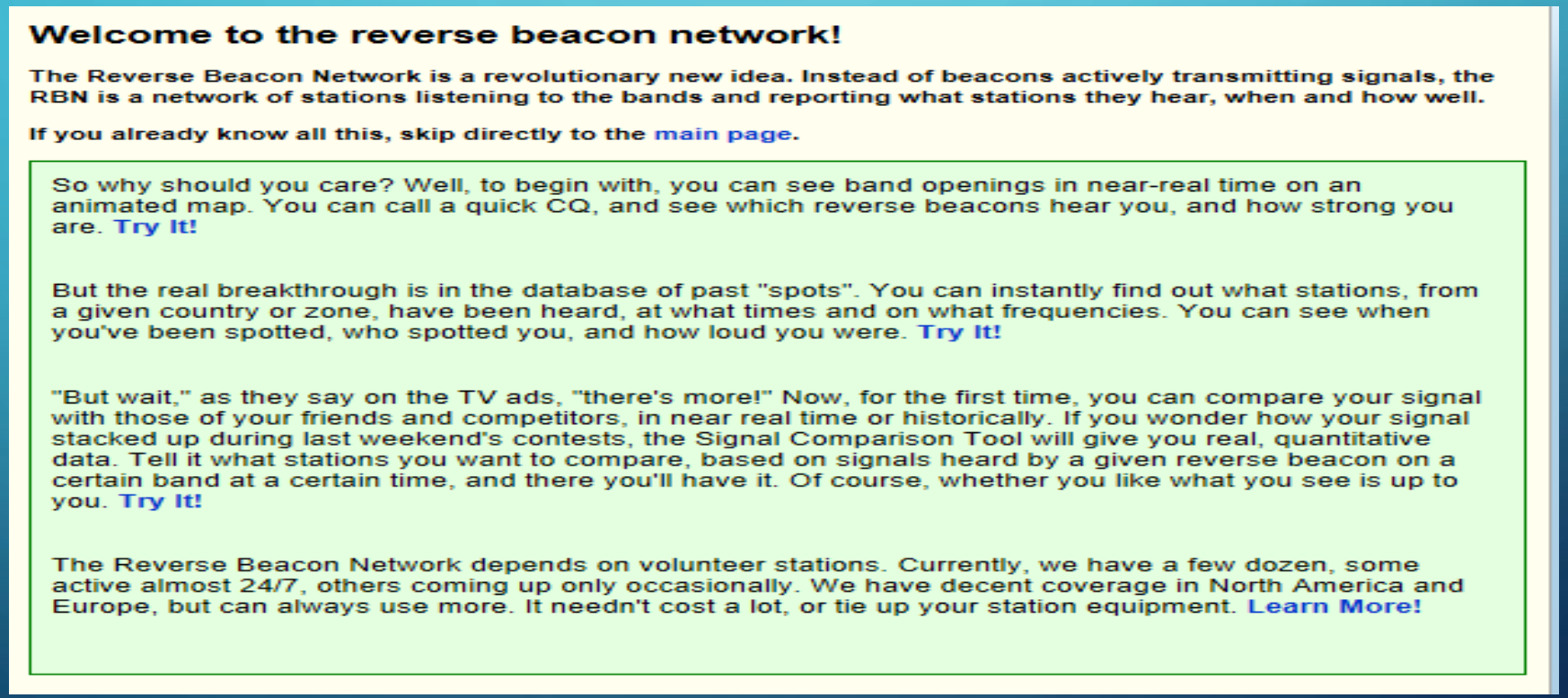


Spotter	Freq.	DX	Time	Info	Country
CX1CW-@	14071.6	AJ6GK	23:39 03 Feb	BPSK31 S2 in CXland	United States
RA4LW	1827.3	N0FW	23:39 03 Feb	569hr CW	United States
AB2E	3508.9	HA8RM	23:38 03 Feb	CW	Hungary
KI4MZC	7035.5	VE7UF	23:38 03 Feb	NPR CW BC	Canada
PP2RR	7074.0	9W2VIR	23:38 03 Feb	TNX FT8 - www.pp2rr.k6.com.br	West Malaysia
SP7VTQ	7011.0	YV5DRN	23:38 03 Feb	tnx qso	Venezuela

But someone has to Spot you!

SO HOW DO WE KNOW OUR AERIAL WORKS

- Reverse beacon network



Welcome to the reverse beacon network!

The Reverse Beacon Network is a revolutionary new idea. Instead of beacons actively transmitting signals, the RBN is a network of stations listening to the bands and reporting what stations they hear, when and how well.

If you already know all this, skip directly to the main page.

So why should you care? Well, to begin with, you can see band openings in near-real time on an animated map. You can call a quick CQ, and see which reverse beacons hear you, and how strong you are. Try It!

But the real breakthrough is in the database of past "spots". You can instantly find out what stations, from a given country or zone, have been heard, at what times and on what frequencies. You can see when you've been spotted, who spotted you, and how loud you were. Try It!

"But wait," as they say on the TV ads, "there's more!" Now, for the first time, you can compare your signal with those of your friends and competitors, in near real time or historically. If you wonder how your signal stacked up during last weekend's contests, the Signal Comparison Tool will give you real, quantitative data. Tell it what stations you want to compare, based on signals heard by a given reverse beacon on a certain band at a certain time, and there you'll have it. Of course, whether you like what you see is up to you. Try It!

The Reverse Beacon Network depends on volunteer stations. Currently, we have a few dozen, some active almost 24/7, others coming up only occasionally. We have decent coverage in North America and Europe, but can always use more. It needn't cost a lot, or tie up your station equipment. Learn More!

Works well but you need to be on the air at that time.

WSPR (WISPER)

- W Weak
- S Signal
- P Propogation
- R Reporter

Totally automatic can run continuously 24hr a day.

WHAT IS WSPR?

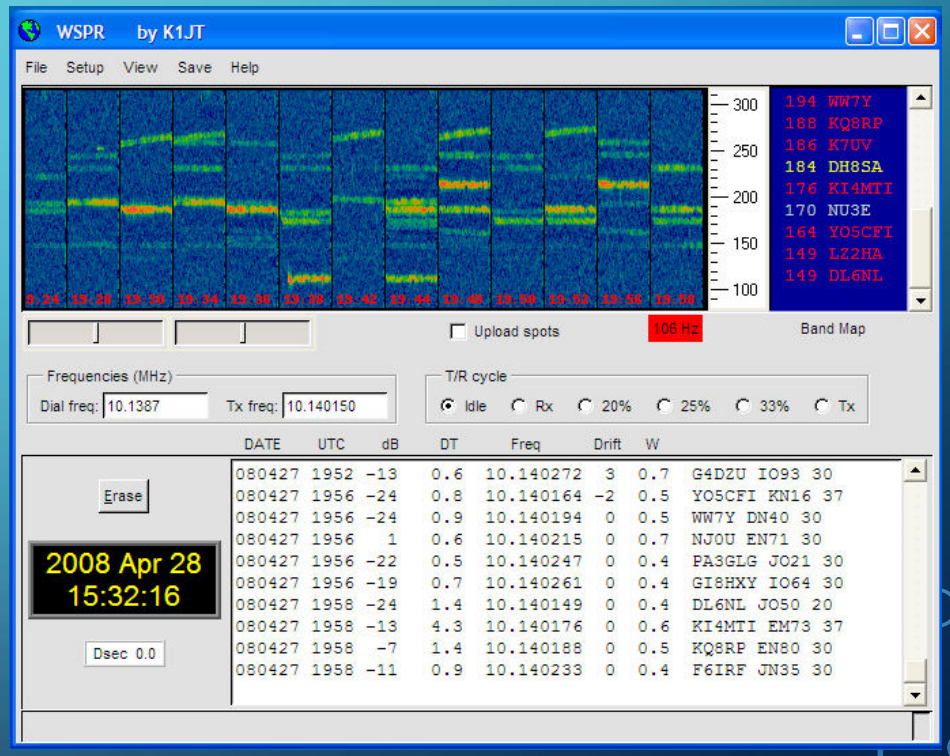
- **WSPR was designed by Professor Joe Taylor K1JT the inventor of WSJT, JT65, FT8 and others.**

HOW DOES IT WORK?

- Your system transmits a two minute long FSK signal with a 6Hz shift.

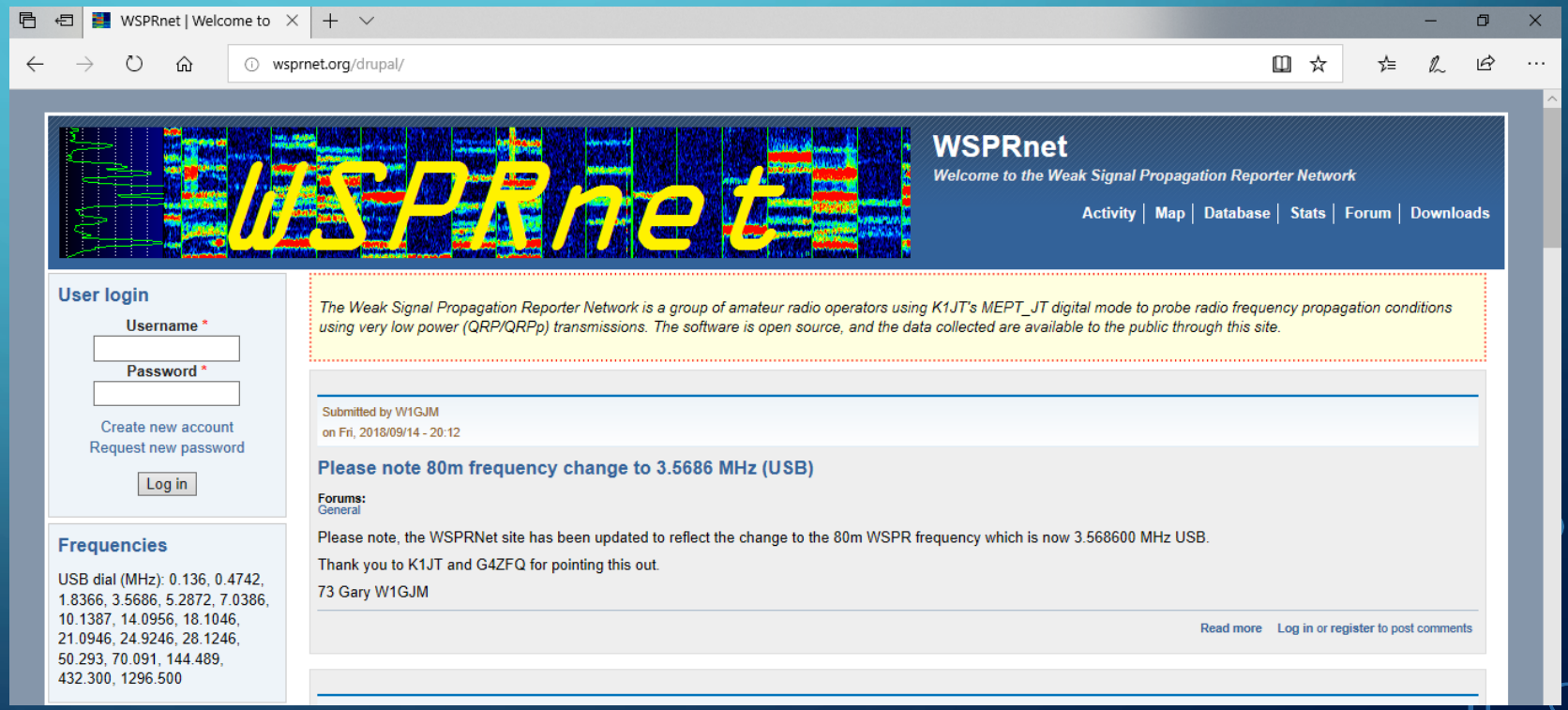
The signal contains your callsign, locator and power level in dBm.

- And then it listens ....

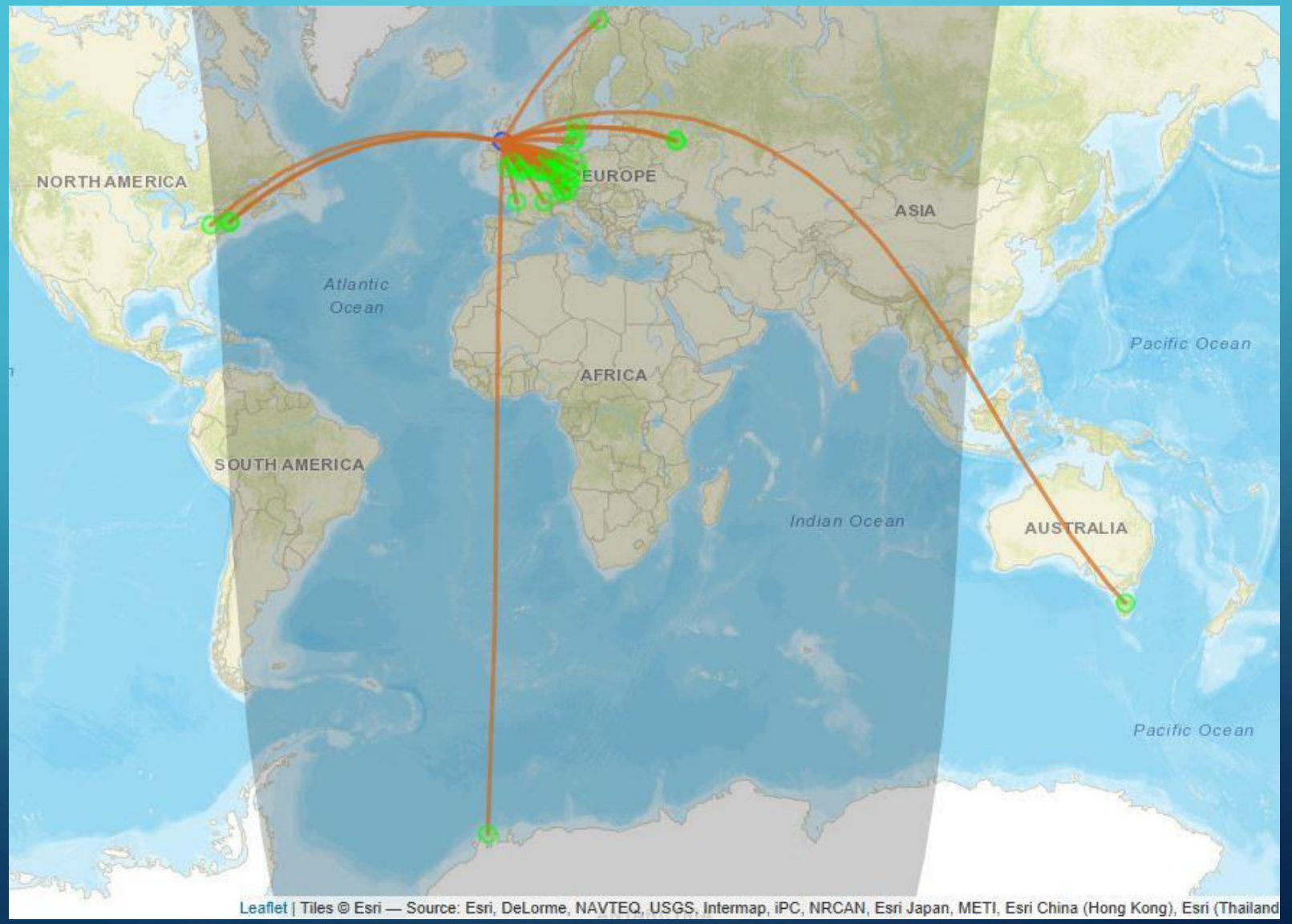


HOW DOES IT WORK ?

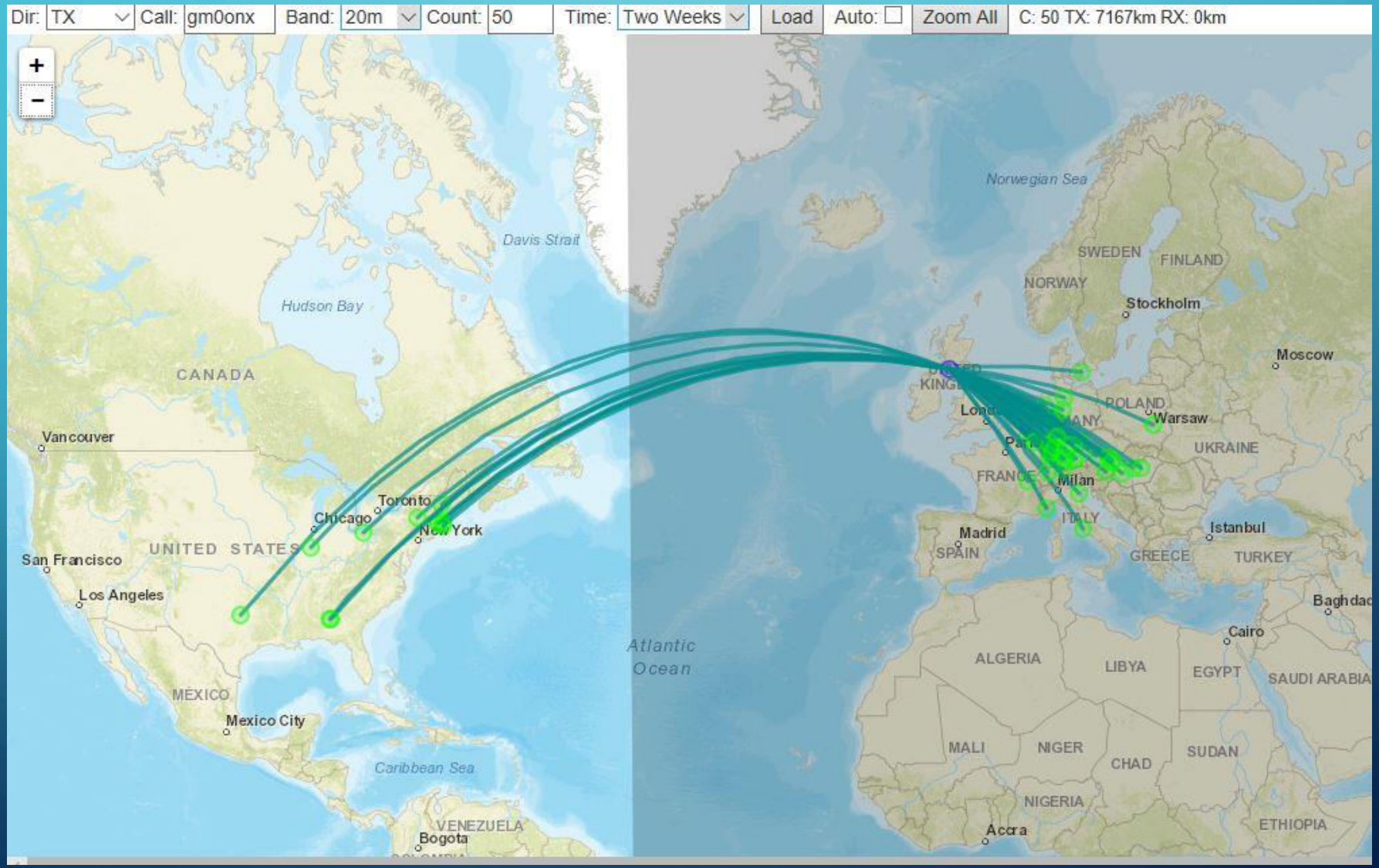
- A network of world wide reporting stations listen for your signal and report them back via the internet.



MY RESULTS – 40M TRAP INVERTED L

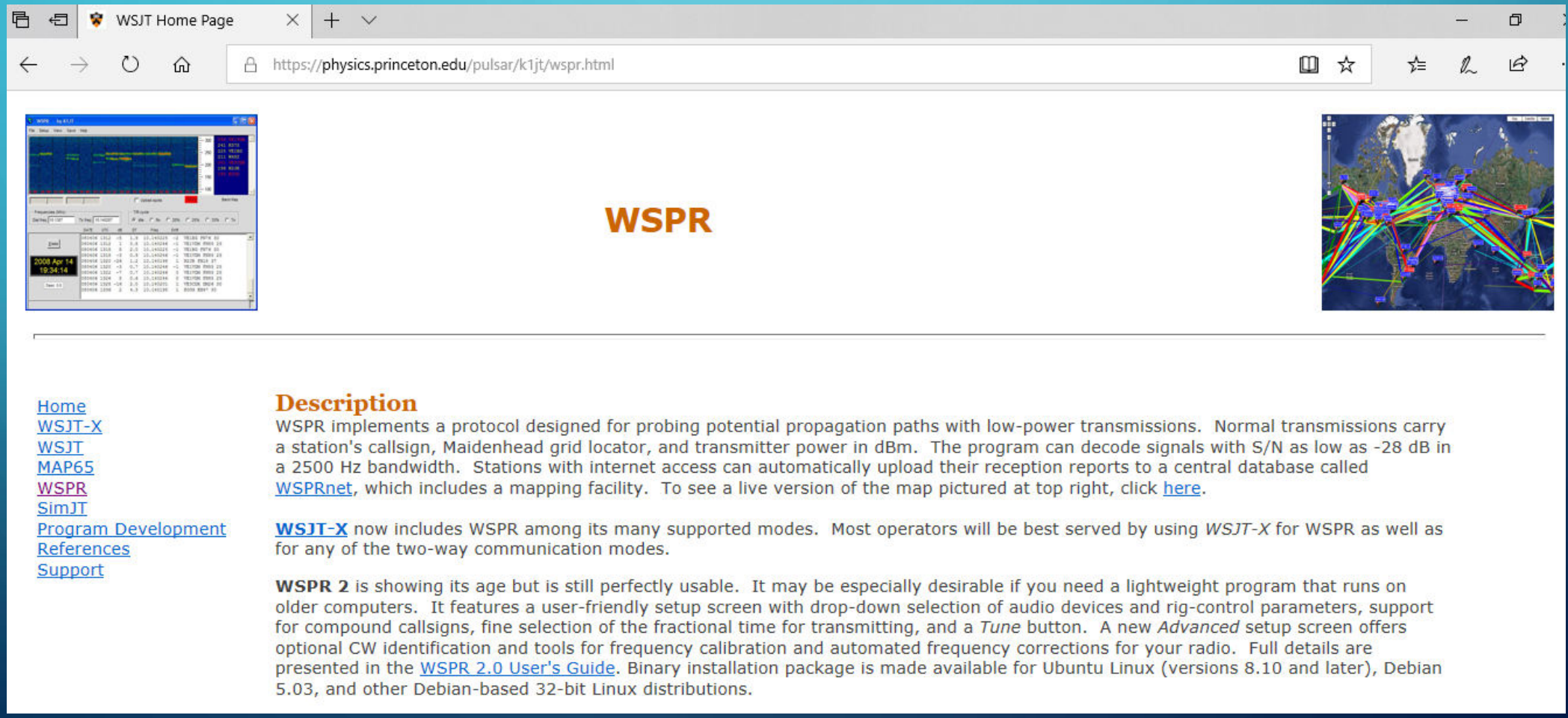


20M 3 ELEMENT YAGI (CUSHCRAFT A3S)



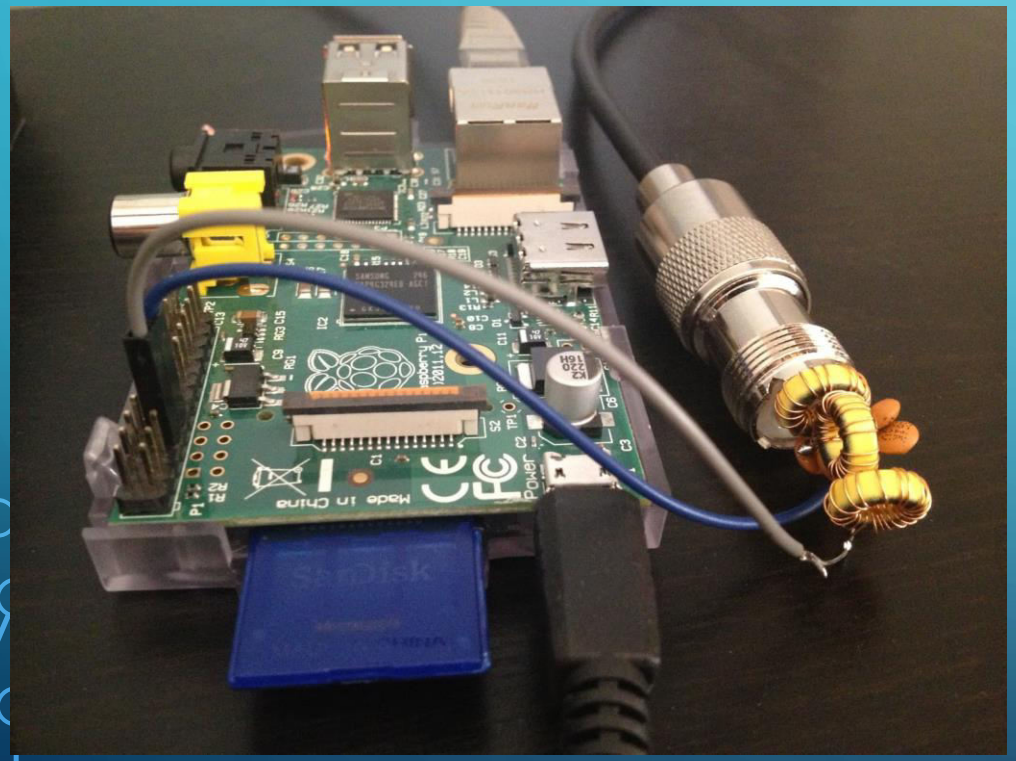
HOW TO YOU GET 'ON THE AIR'

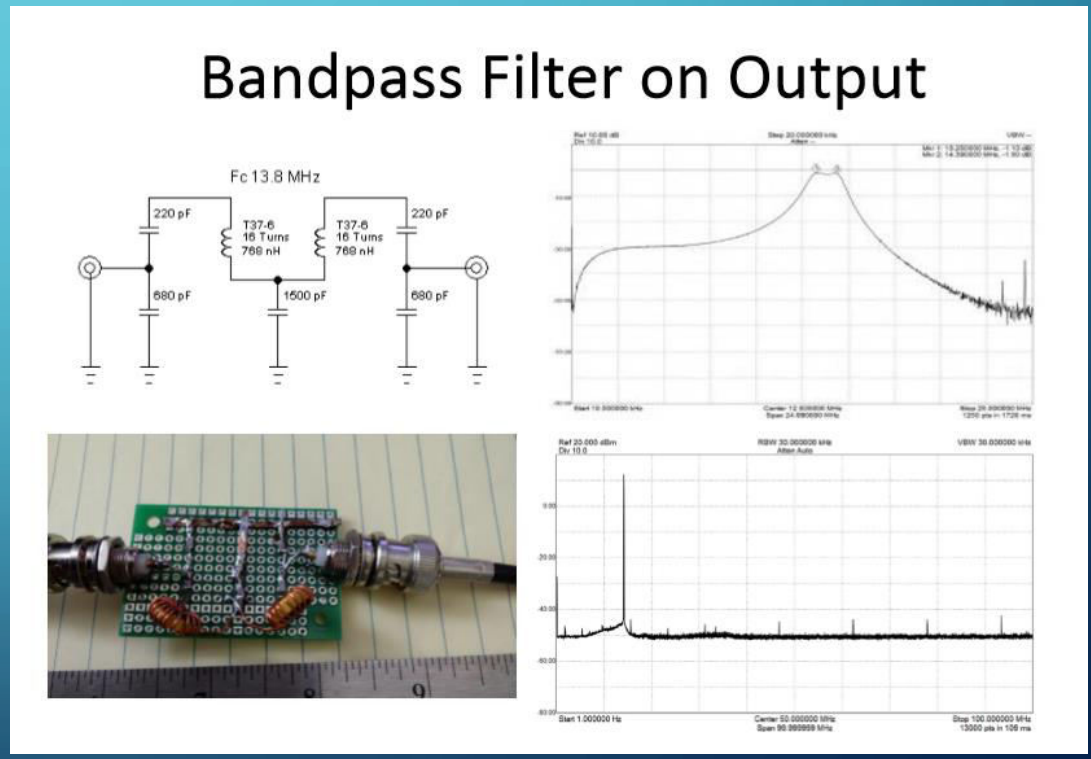
Use your normal transceiver if it has low level transverter output of between 10 to 100mW and WSJT software.



HOW TO GET 'ON THE AIR' ?

Using a Raspberry Pi as a 10mW transmitter.





HOW TO GET ‘ON THE AIR’

SOTA WSPRlite -Stand alone TX.

Home / WSPRlite Antenna Tester / WSPRlite Classic Antenna Performance Analysis System

DX10 graph

Range:
G3CWI: mean 2.6%, max 6.1%
G4ZAY: mean 2.1%, max 6%

WSPRlite Classic Antenna Performance Analysis System

£59.95 (Inc. Tax)

£49.96 (Ex. Tax)

NOTE Customers outside the Eu pay the lower (Ex. Tax) prices!

★★★★★ (104 reviews) Write a Review

SKU:
WSPR-100

Shipping:
Calculated at Checkout

Recommended options: Required

HOW TO GET 'ON THE AIR'

QRP Labs Ultimate 3S Kit

QRP Labs

QRP Labs Shop

Click here for Shop!

News

November 2018 newsletter
July 2018 newsletter
Dayton FDIM/hamvention 2018
May 2018 newsletter
March 2018 newsletter
February 2018 newsletter
2017 archive
2016 archive

Kits

5W CW transceiver kit
Ultimate3/3S QRSS/WSPR kit
Ultimate3S kit info

Ultimate3S kit

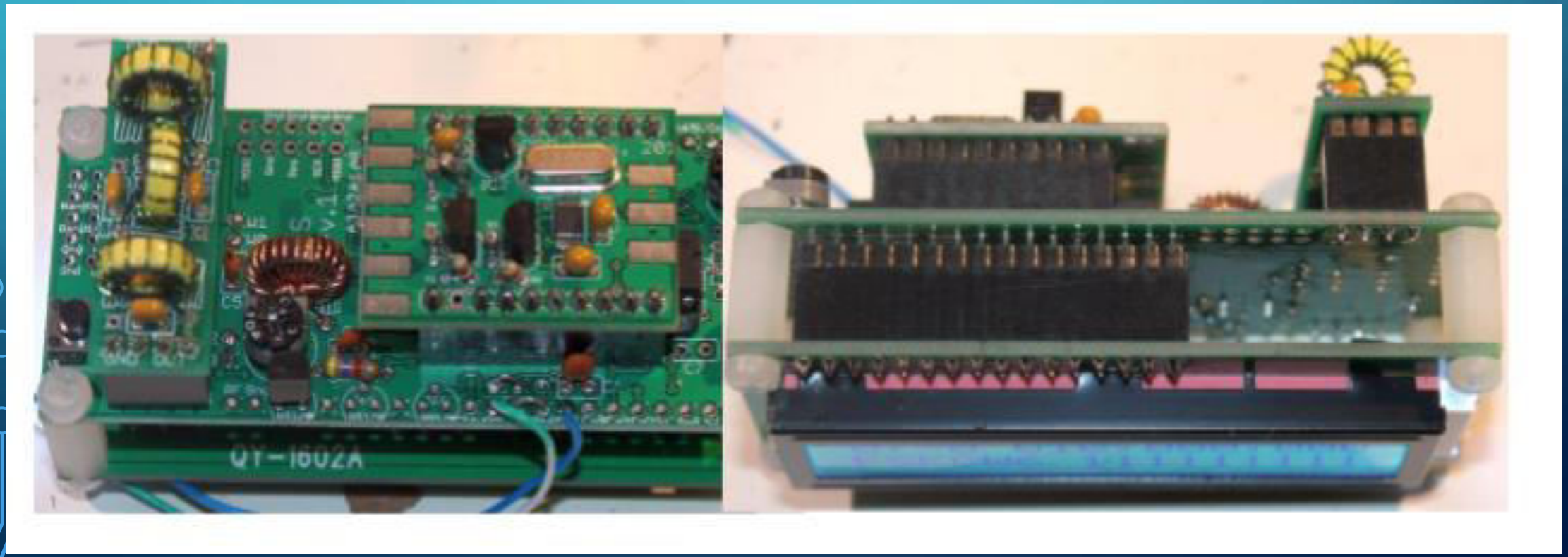
The Ultimate3S QRSS/WSPR Transmitter Kit is the new edition of the third version in the "Ultimate" QRSS/WSPR kit trilogy. It can produce QRSS, Hell, WSPR, Opera and PI4 slow-signal modes anywhere from 2200m to 2m and even 222MHz bands. Plug-in LPF filters are available for all 16 HF/MF/LF/VHF bands from 2200m to 222MHz.

Click!
Shop order
from
$33

The U3S kit was launched in January 2015. It is the new edition of the earlier U3 kit produced from November 2013 to December 2014. The U3S uses an Si5351A frequency synthesiser kit rather than the pre-built AD9850 DDS kit used in the earlier U3 kit. The AD9850 DDS kit prices are rising and they are becoming less easily available. The Si5351A frequency synthesiser kit was developed to ensure continued low cost of the Ultimate QRSS/WSPR kit series.

Please also see the original version Ultimate QRSS kit and Ultimate2 QRSS kit pages, and the earlier U3 kit page to appreciate the heritage. Much of the information in these earlier pages is still relevant and informative.

Easy build with excellent on line build manual and available locally from Roy GM4VK! In Dundonald or from most local
Rallies of about £25 for a single band version. Extra LPF boards about £4 each.



6 band version

Any questions ?