

VK5GN CQWW SSB

Rank	Call	Year	Category	Score	QSOs	Zn	Cty
1	VK5GN	1999	SO HP ALL	3,709,900	2,928	127	333
2	VK5GN	2002	SO HP ALL	3,612,654	2,876	118	331
3	VK5GN	2000	SO HP ALL	3,494,205	2,868	123	306
4	VK4VU	1982	SO HP ALL	3,462,200	3,341	107	243
5	VK4CT	2012	SO HP ALL	3,269,234	2,783	123	299
6	VK6HD	1971	SO HP ALL	2,911,224	2,442	117	287
7	VK5GN	2001	SO HP ALL	2,907,368	2,418	122	302
8	VK4VU	1981	SO HP ALL	2,697,562	3,028	101	200
9	VK8AA	2002	SO HP ALL	2,447,474	2,406	112	270
10	VK2IM	2012	SO HP ALL	2,282,660	2,224	116	264

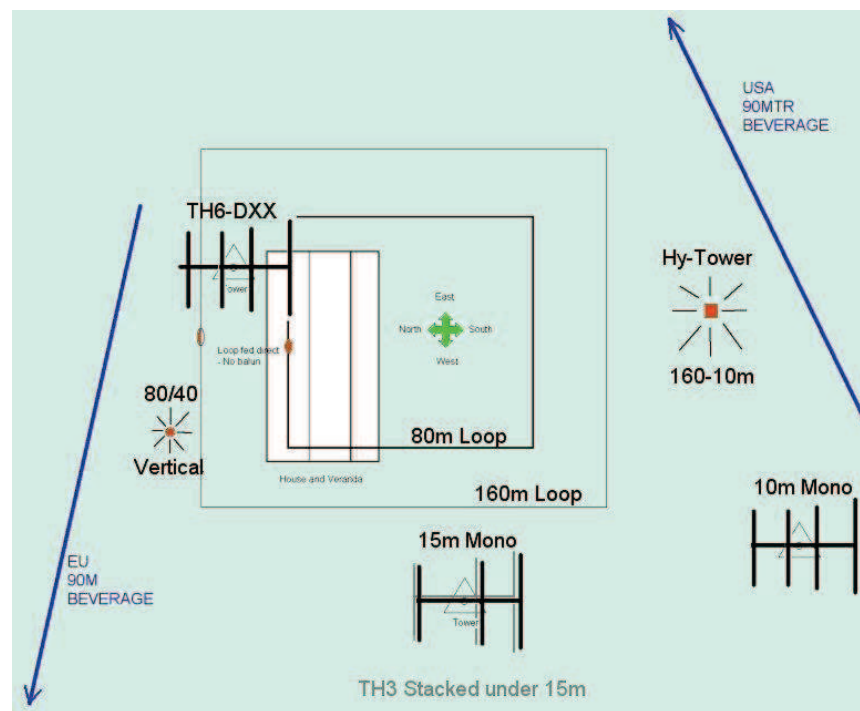
VK4SN



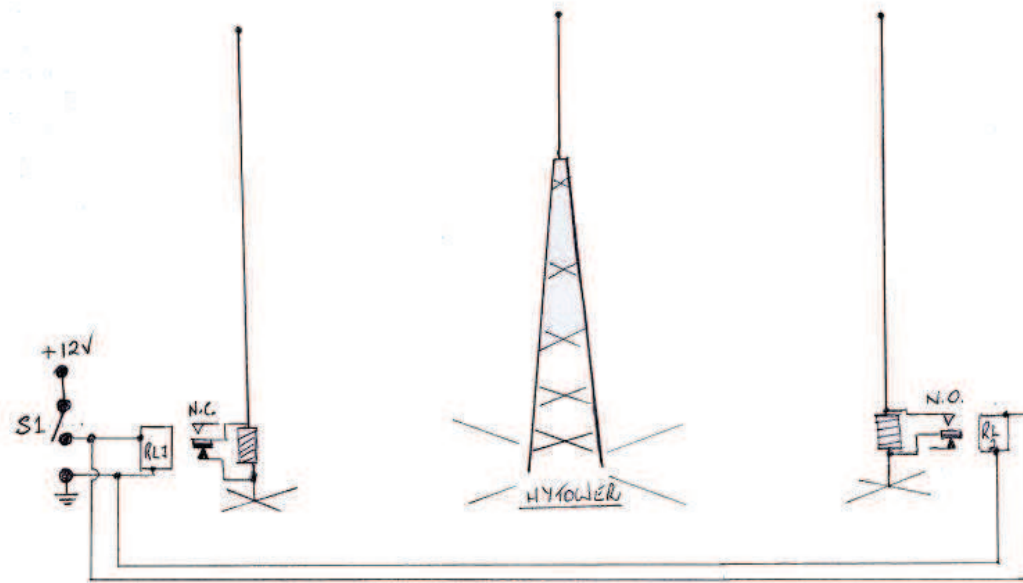
Easy operating



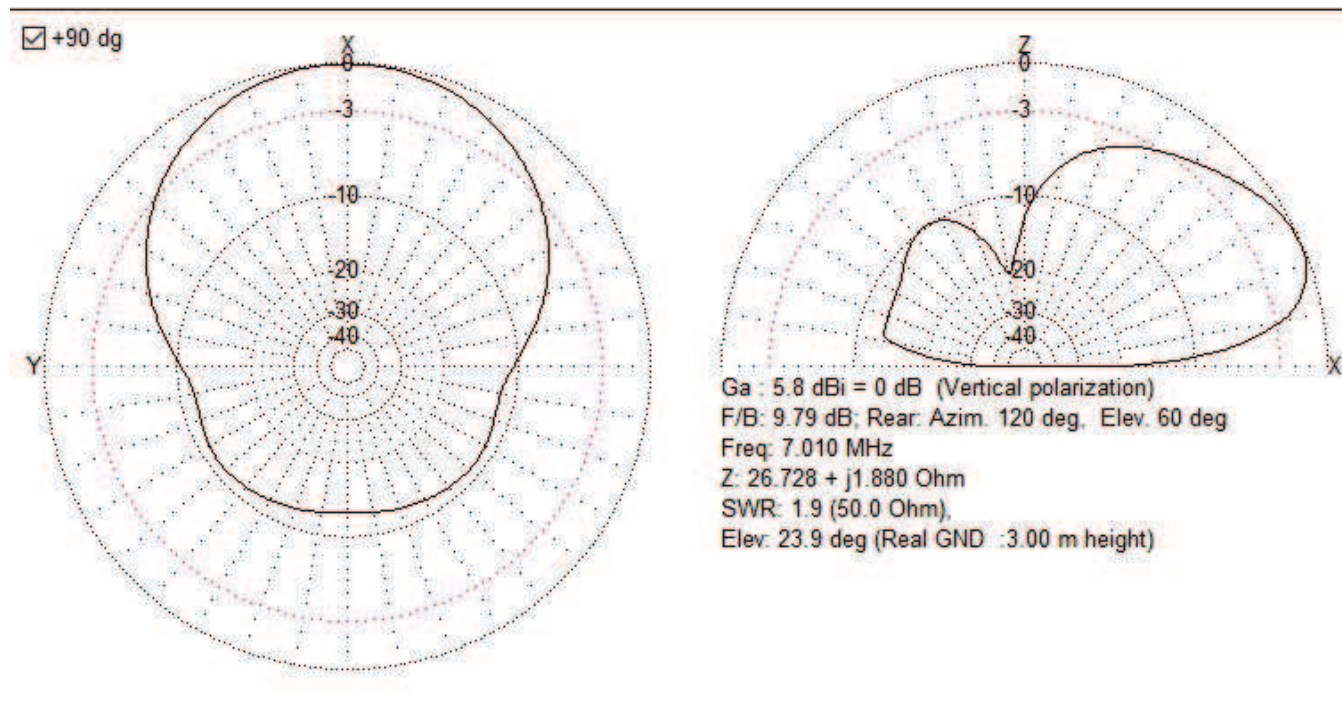
VK4SN Station Layout



VK4SN 40M Vertical Beam



Radiation Pattern VK4SN



Setting up the Station – the Rig

- * What features are nice ?
- * PC Interface
- * Processor for SSB
- * Filters for receive
- * additional antenna sockets
- * Receive only antenna socket
- * Easy interface SSB Digital (RTTY PSK) CW

FT950 Yaesu



Features

- TX Frequency Coverage: 160 - 6 meters
- RX Frequency Coverage: 30 kHz - 56 MHz
- Operating Modes: USB, LSB, CW, AM, FM
- Digital Noise Reduction
- Power Output: 5 to 100 watts 160 - 6 meters
- Speech Processing
- Built-in Electronic Keyer
- Built In Antenna Tuner

ICOM 756 pro



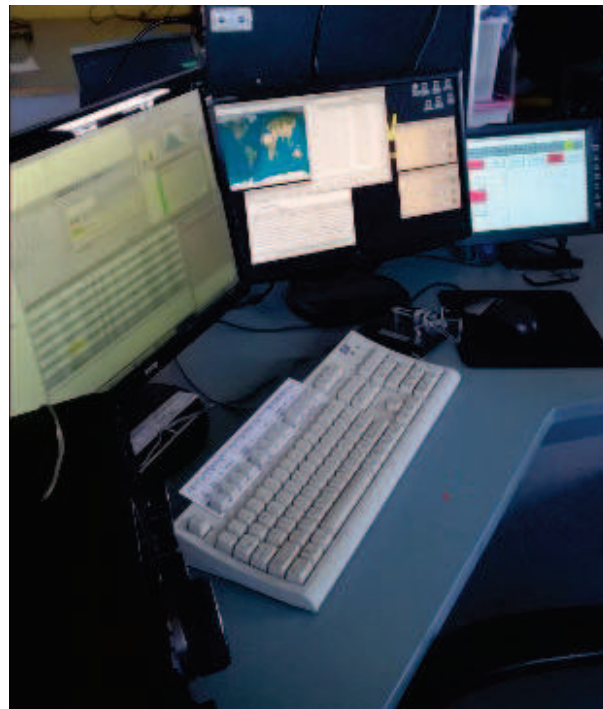
Features

- Voice Keyer
- 101 Memories
- RIT/XIT
- Noise Blanker
- Multiple Display Formats
- Realtime Spectrum Display
- Twin Digital PBT
- Voice Recorder
- 100 Watt Output
- Built-in Auto Antenna Tuner
- TCXO Built In
- 100% Duty Cycle
- Built in RTTY Demod
- DSP Notch
- 1 Hz Readout
- Memory Keyer
- RF Attenuator 6/12/18 dB
- Automatic Notch

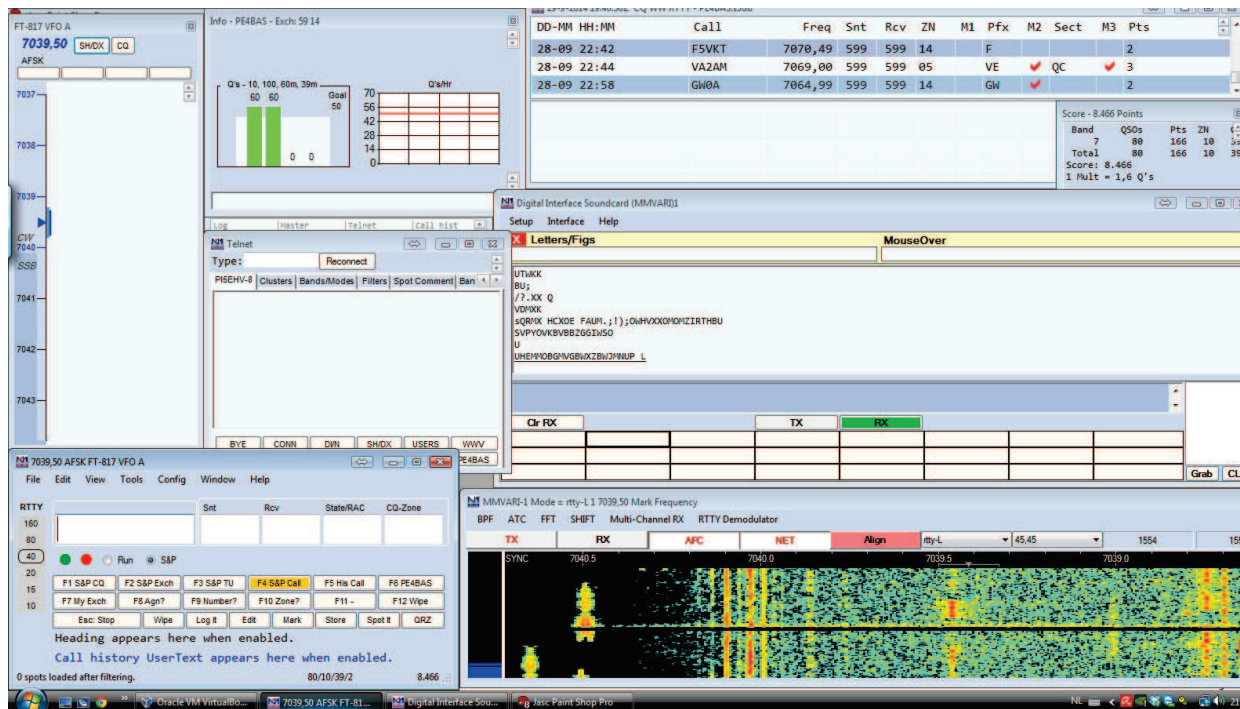
Shack PC - Software

- * N1MM+ Free – all contest modes
- * VKCL Free Specialist VK Software
- * Writelog Charge – Good RTTY PSK
- * TR4W Free – all contest modes
- * Wintest Charge – all modes
- * Logging Software e.g. Logger 32 These usually don't warn of duplicate contacts

Multiple Screens are handy



N1MM+



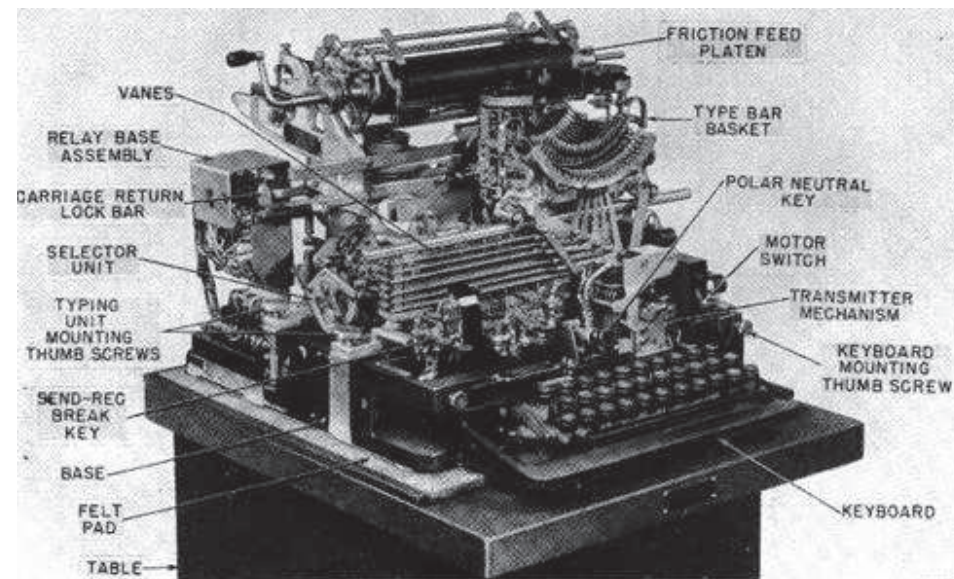
Google is your friend

A white rectangular search input field with a thin blue border. On the right side of the field is a small blue microphone icon, indicating voice search functionality.

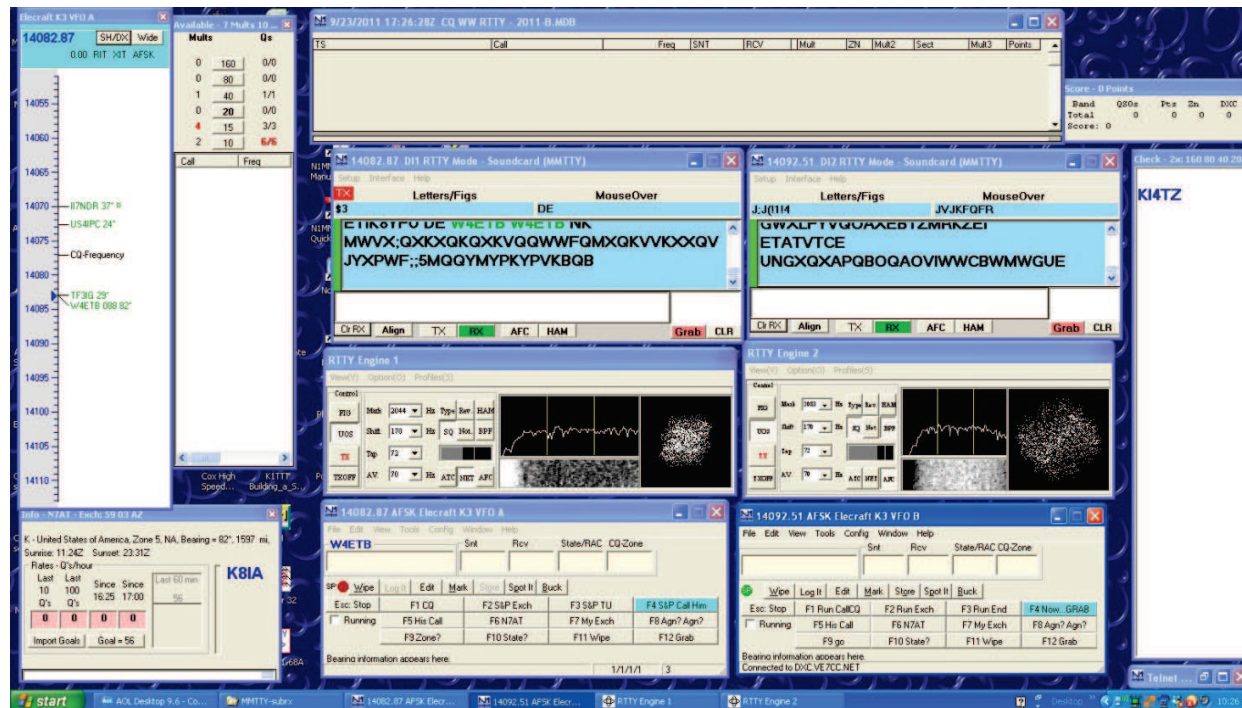
Google Search

I'm Feeling Lucky

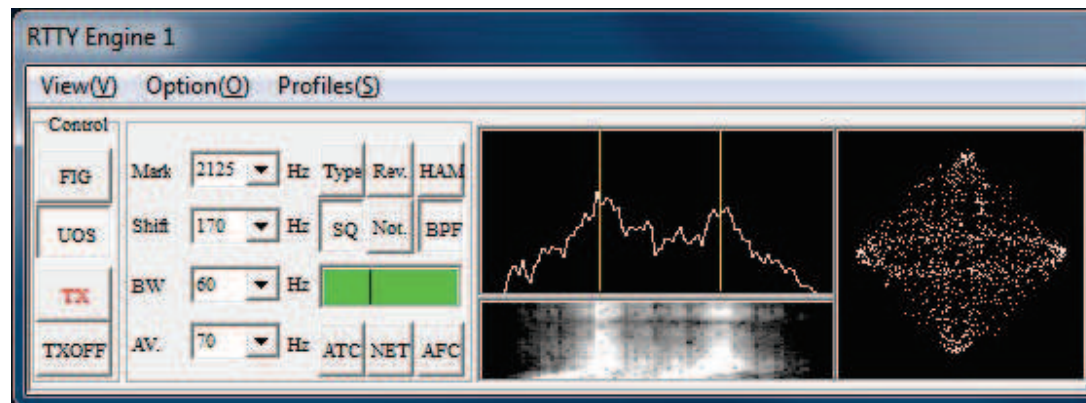
RTTY has moved on a bit



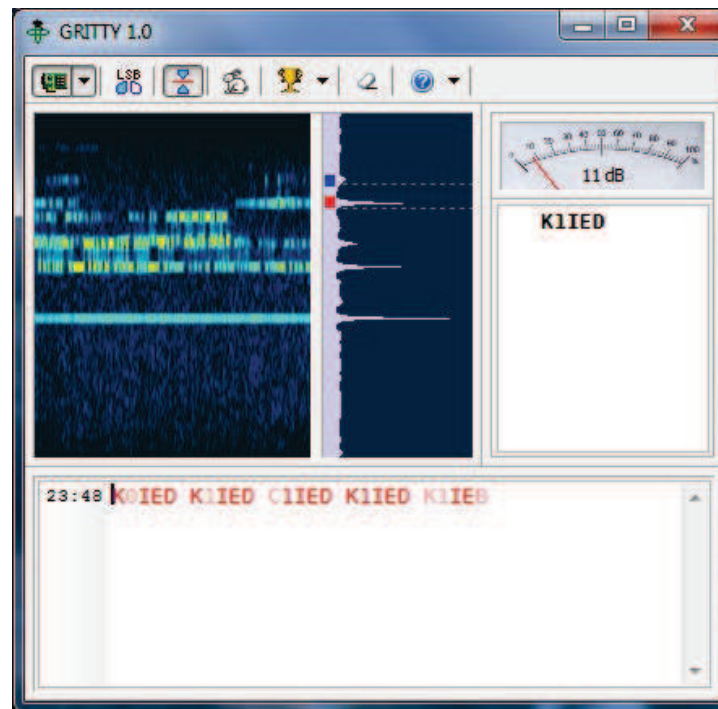
N1MM RTTY



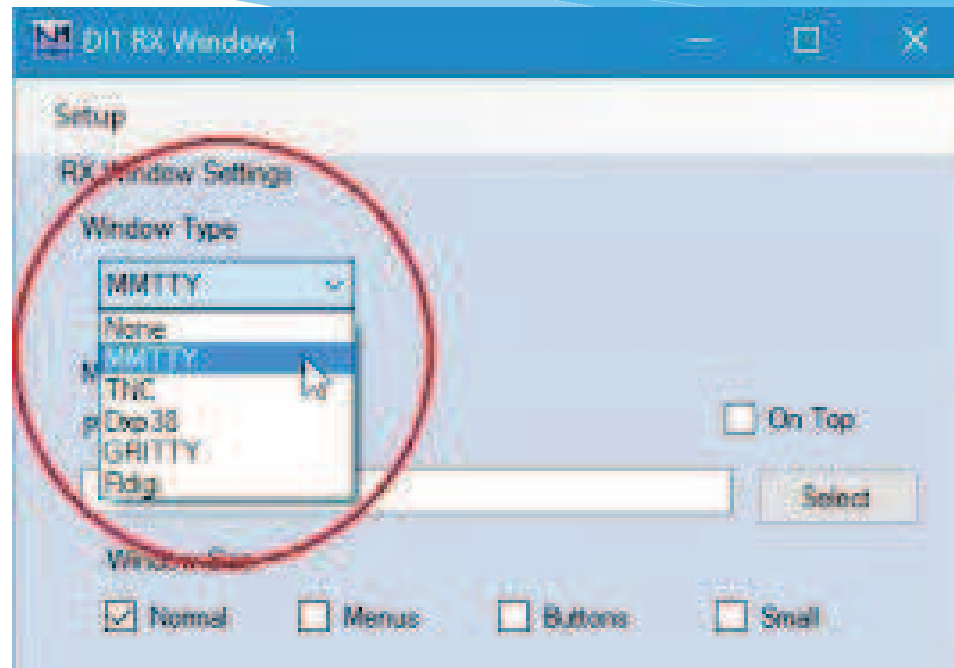
MMTTY Engine



GRITTY



Add it all together



Best RTTY Setup?

- * Use Multiple decoders
- * MMTTY with different filters (2 Instances)
- * Two Tone
- * GRiTTy
- * **MUST USE FSK** – Much better than AFSK
- * Easy to do two radios (SO2R)

SO₂R, Multi Single, Multi 2

- * Basically setup is identical
- * Filtering is needed
- * Separation of antenna
- * Not as critical as imagined
- * Start simple and work upwards