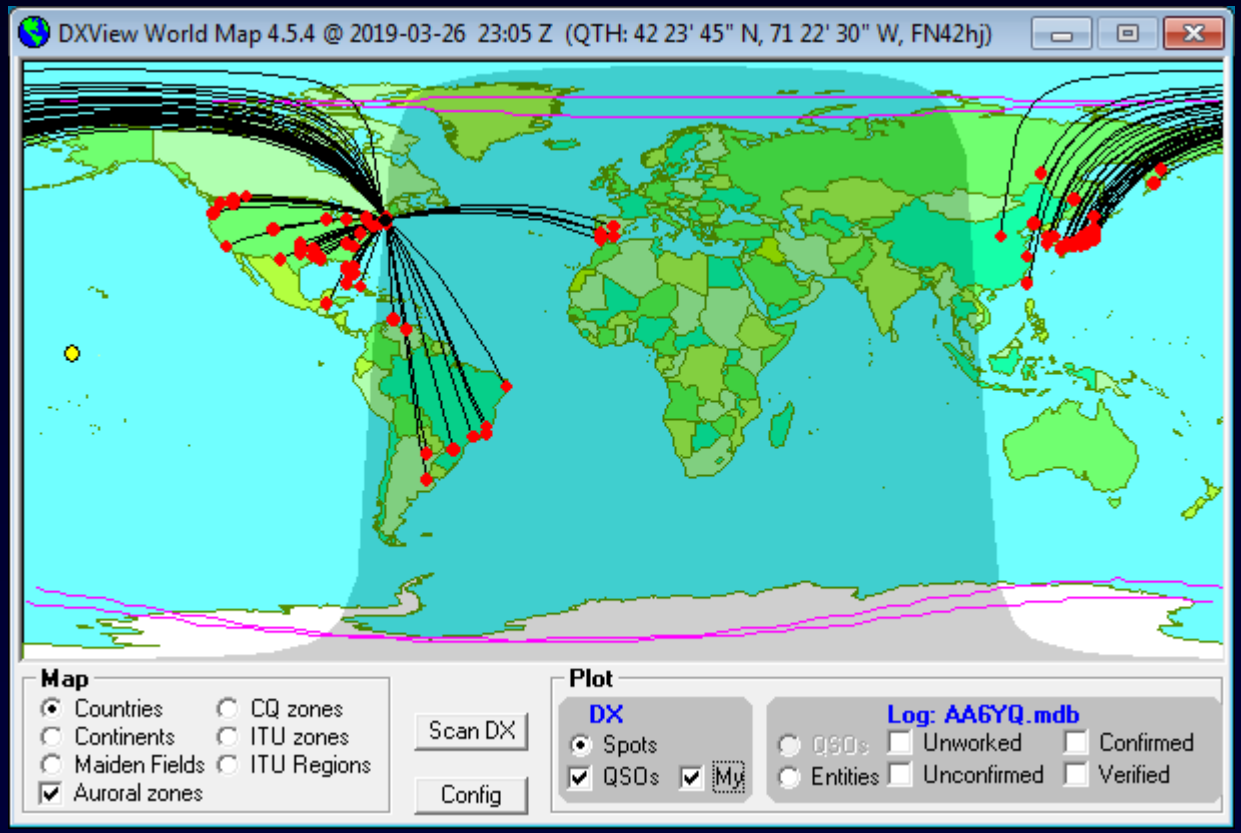
DXLab User Forum I

v1 2019-04



Better DXing Through Software

DXing

The art and science

of making two-way contacts

with distant amateur radio stations

using phone, CW, or digital modes

DXLab: Better DXing Through Software

1. Automate “paperwork” to make more time for DXing
2. Make time spent DXing more productive
   - Find the DX you need
   - Work the DX you need

Drivers

1. User-driven iterative development
   - Online discussion group with 5200+ participants
   - Defect repairs get highest priority; goal is < 24 hours
   - Public enhancement lists
   - Frequent releases (several per month)

2. Easy to Use and Powerful
   - Primarily for DXers
   - Secondarily for casual operators

3. Runs on Windows NT, 2000, XP, Vista, 7, 8, and 10
   - and Mac in a virtual machine
   - and Linux in a virtual machine

the DXLab Suite

Eight free applications that run individually

but

when run simultaneously sense each other's presence

and

interoperate automatically

the DXLab Suite

CW, RTTY, PSK
WinWarbler

Transceiver Control
Commander

Location Control
DXView

DX Atlas

Google Earth

LogPublisher

Logging
DXKeeper

DX Spots
SpotCollector

SpotSpy

WSJT-X

Propagation
PropView

QSL Routes
Pathfinder

CW Skimmer

CWGet

FLDigi

JT-Alert

MixW

MMSSTV

MultiPSK

MRP40

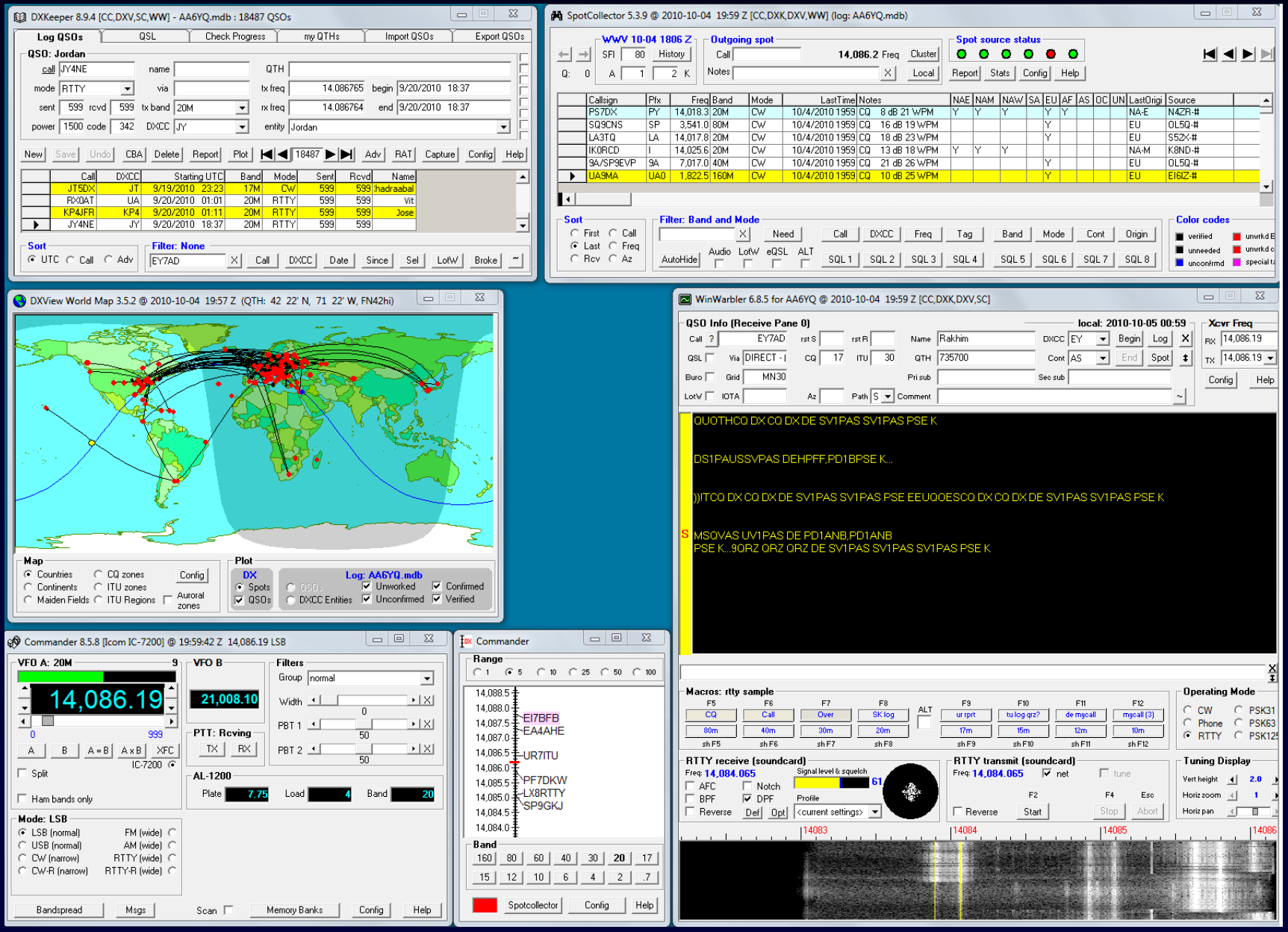
Sim_PSK

Gritty

N1MM+

Win4K3

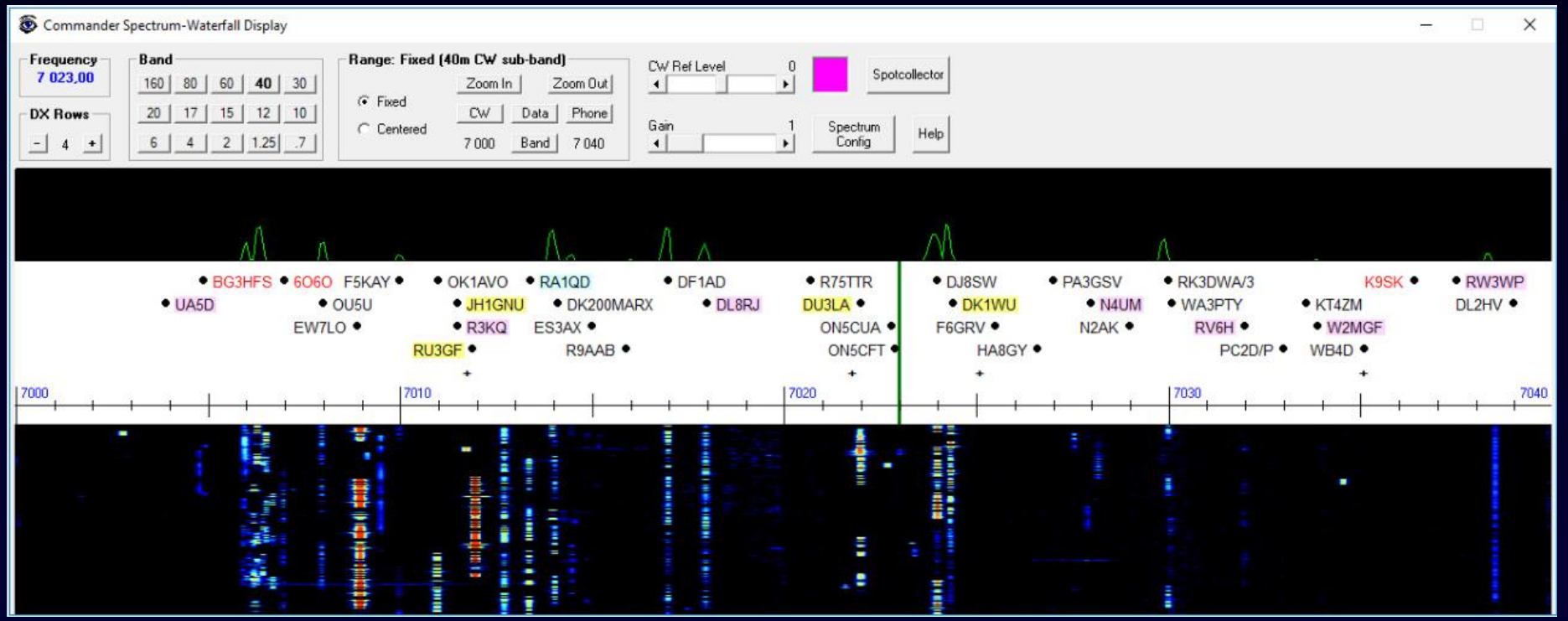
A Suite of DXing Applications



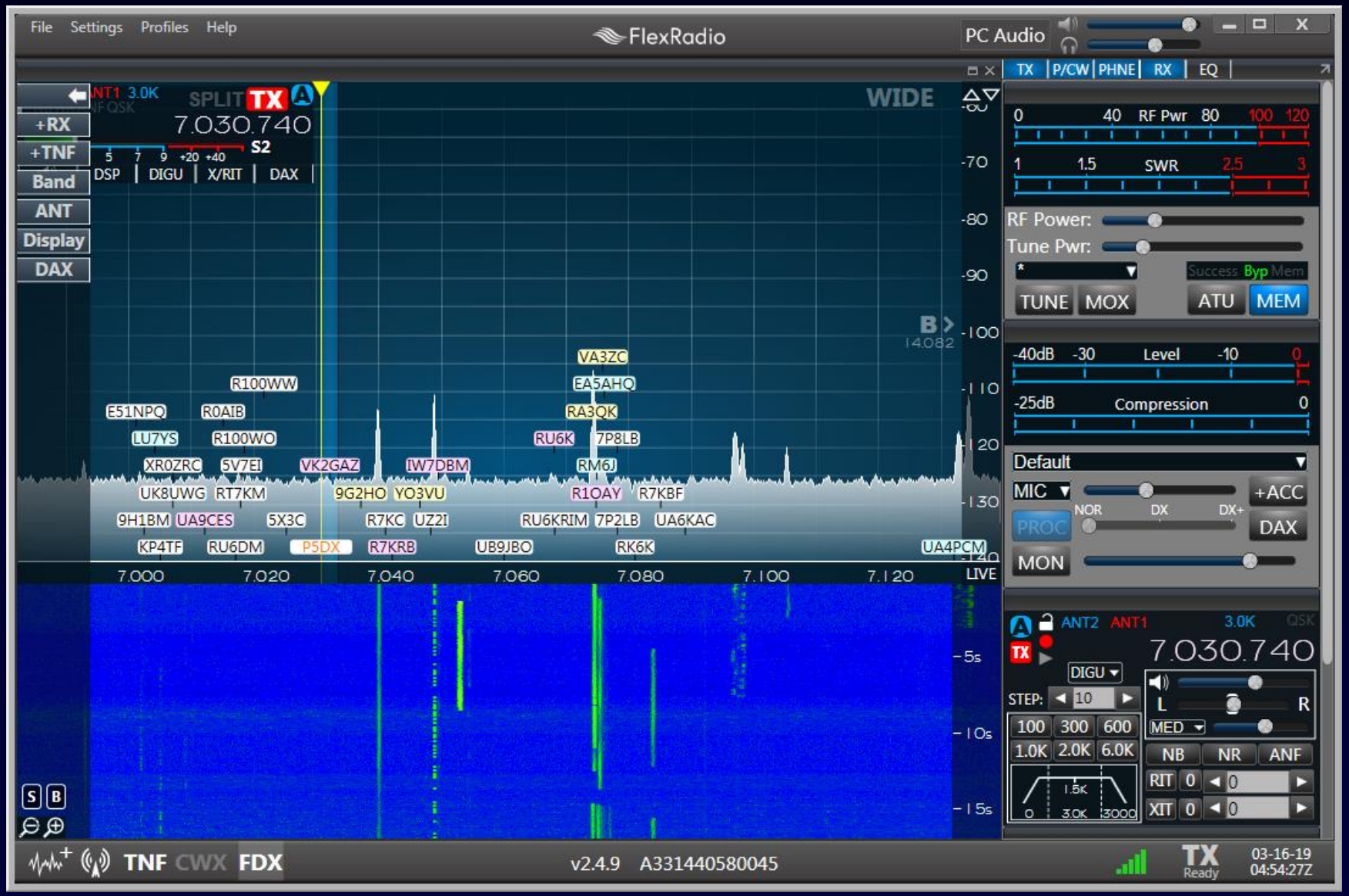
Major Enhancements Since April 2017

- Spectrum-Waterfall window for Icom 7300, 7610, 785X
- Active callsigns displayed on Flex Signature Panadapters
- Unlimited Override list populated from Club Log and Big CTY
- Direct interoperation with WSJT-X

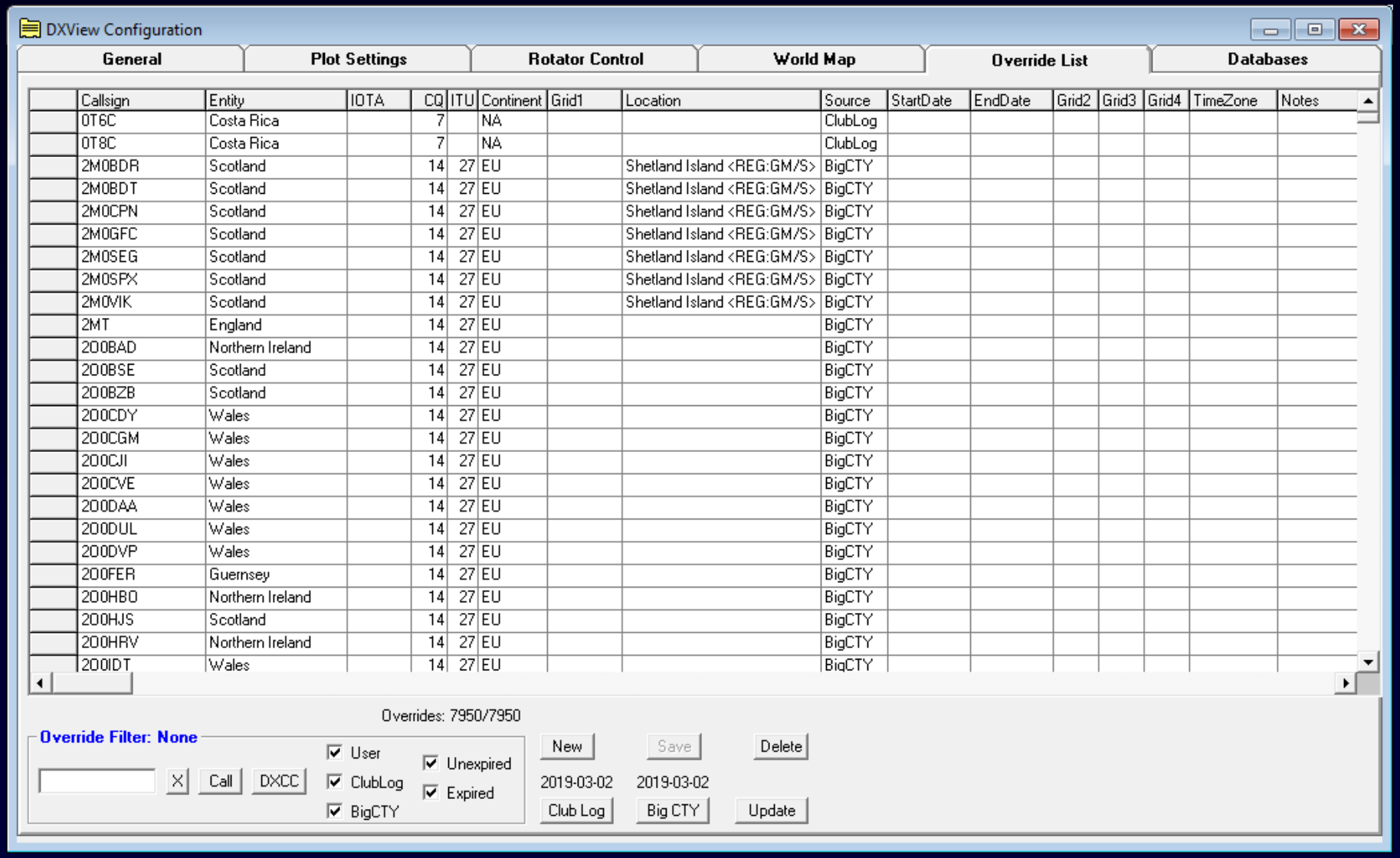
Spectrum-Waterfall window for Icom 7300, 7610, 785X



Active callsigns displayed on Flex Signature Panadapters

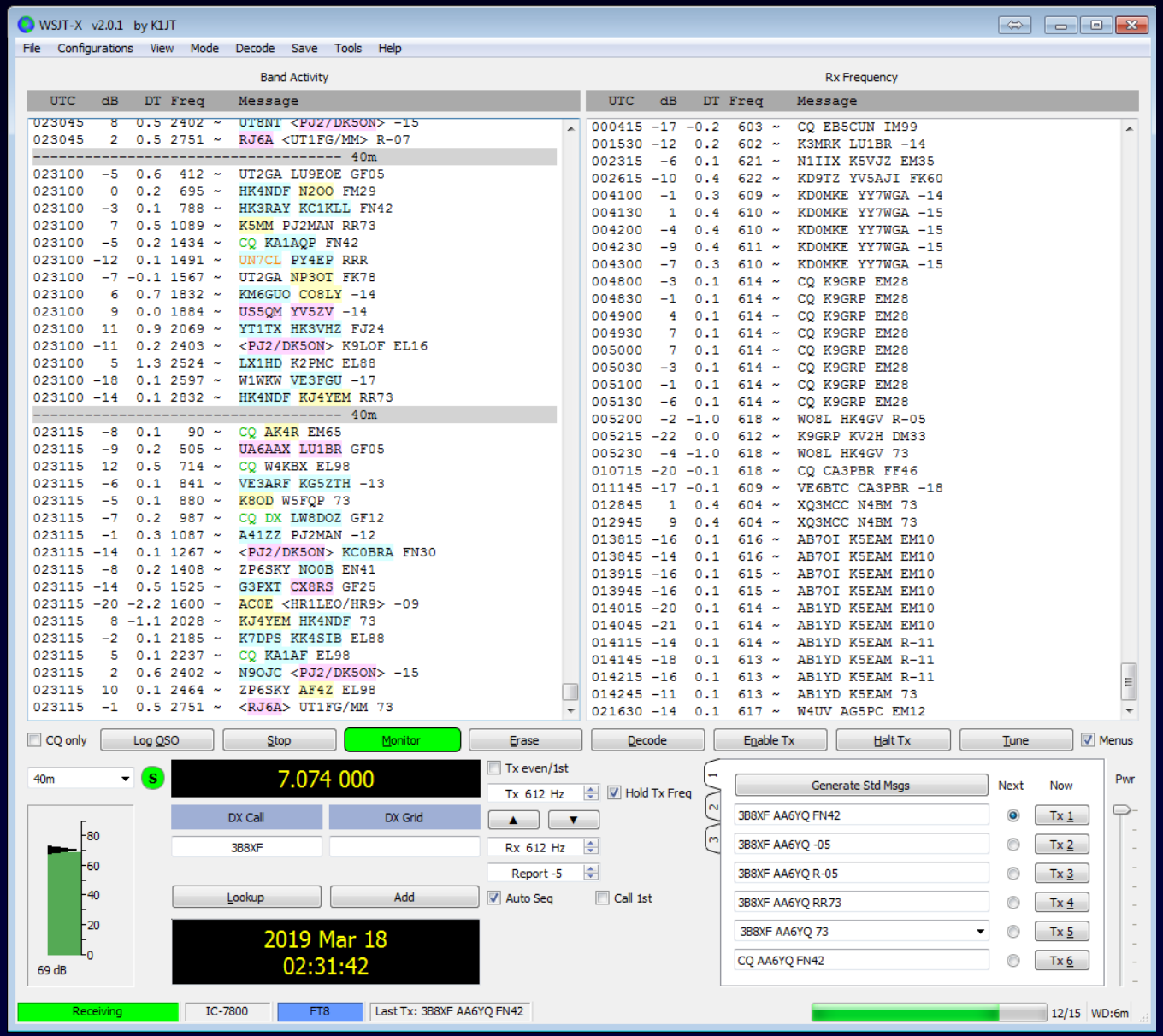


Unlimited Override list populated from Club Log and Big CTY



Callsign	Entity	IOTA	CQ	ITU	Continent	Grid1	Location	Source	StartDate	EndDate	Grid2	Grid3	Grid4	TimeZone	Notes
0T6C	Costa Rica		7		NA			ClubLog							
0T8C	Costa Rica		7		NA			ClubLog							
2M0BDR	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0BDT	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0CPN	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0GFC	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0SEG	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0SPX	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2M0VIK	Scotland		14	27	EU		Shetland Island <REG:GM/S>	BigCTY							
2MT	England		14	27	EU			BigCTY							
2O0BAD	Northern Ireland		14	27	EU			BigCTY							
2O0BSE	Scotland		14	27	EU			BigCTY							
2O0BZB	Scotland		14	27	EU			BigCTY							
2O0CDY	Wales		14	27	EU			BigCTY							
2O0CGM	Wales		14	27	EU			BigCTY							
2O0CJI	Wales		14	27	EU			BigCTY							
2O0CVE	Wales		14	27	EU			BigCTY							
2O0DAA	Wales		14	27	EU			BigCTY							
2O0DUL	Wales		14	27	EU			BigCTY							
2O0DVP	Wales		14	27	EU			BigCTY							
2O0FER	Guernsey		14	27	EU			BigCTY							
2O0HBO	Northern Ireland		14	27	EU			BigCTY							
2O0HJS	Scotland		14	27	EU			BigCTY							
2O0HRV	Northern Ireland		14	27	EU			BigCTY							
2O0IDT	Wales		14	27	EU			BigCTY							

Direct interoperation with WSJT-X



Statistics Since April 2017

Component	Public Releases	Defects Repaired	Enhancements
Commander	15	131	67
DXKeeper	22	97	102
DXView	4	11	15
Launcher	0	0	0
Pathfinder	3	0	8
PropView	2	1	4
SpotCollector	18	68	45
WinWarbler	4	3	19
Total	68	311	260

Reported-but-uncorrected Defects: 0

User Input

- Complaints?
- Defects?
- Deficiencies?
- Frustrations?
- Impediments?

- Enhancements?
- Better Ideas?

www.dxlabsuite.com

Commander | DXView | DXKeeper | Launcher | Pathfinder | PropView | SpotCollector | WinWarbler

Download

New Users

DXLab Overview

DXLab: Better DXing Through Software

Overview | Xcvr_Control | DX_Info | Logging | Digimodes | QSL_Info | DX_Spots | Propagation | Management | Documentation | Getting Started

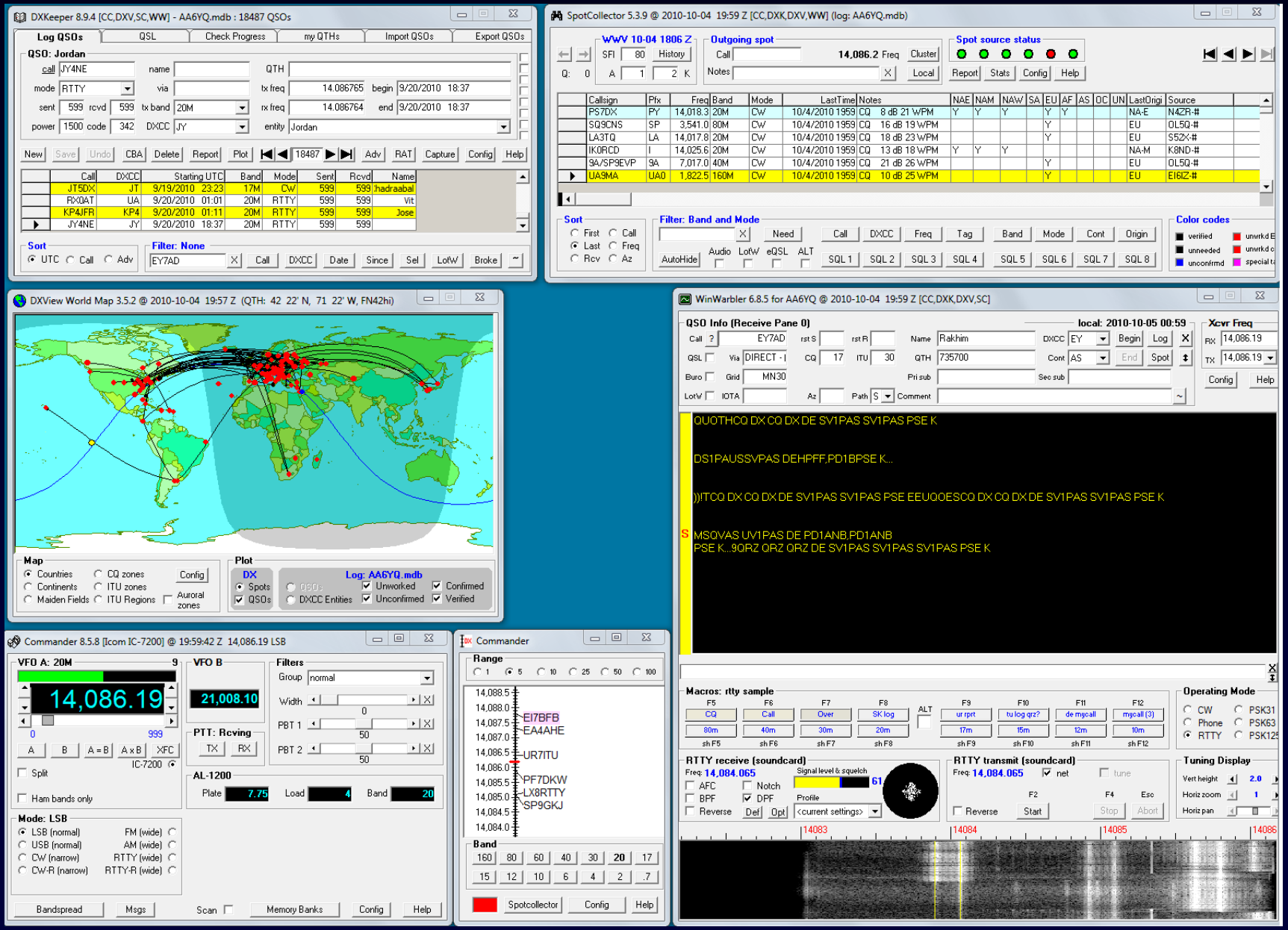
DXLab is a **freeware** suite of eight interoperating applications that can be installed independently in any order. When multiple applications are running, they sense each other's presence and automatically interoperate to support your Amateur Radio DXing activities:

- Transceiver control with bandspread - controls up to 4 Alinco, DZKit, Elecraft, FlexRadio, Hilberling, Icom, JRC, Kachina, Kenwood, TenTec, Yaesu transceivers, with frequency and mode tracking by an independent transceiver, receiver, SDR-based panadaptor, or skimmer
- Rotator control - AlfaSpid, ARSWIN, Heath, Hygain, M2, N1MM Rotor, Prosistel, SARtek, TIC, Trackbox, Yaesu
- Solar terminator display and prediction - shows grey line at any specified date and time
- Prefix, Region, IOTA, and Gridsquare lookup and display
- Language translation - displays translations of amateur radio words and phrases for languages used in a station's location
- World map display - beam heading, terminator, DX spots, VHF openings, auroral oval
- Callbook lookup - Buckmaster, RAC, or QRZ CDROMs, Hamcall.Online, or QRZ.com (both free and with data access subscription)
- Logging - supports both real-time logging, and recording completed QSOs from paper logs
- QSL card and label generation
- Logbook of the World and eQSL.cc support - automated bidirectional synchronization
- Award tracking and submission - AJA, Canadaward, Challenge, DDFM, DOK, DXCC, Hollyland, IOTA, JCC, JCG, Maidenhead Fields & Squares, Marathon, RDA, SRR, TopList, VUCC, USA-CA, WAB, WAC, WAE, WAJA, WAIP, WAHUC, WAS, WAZ, WPX, WAJA, WITU
- QSL route discovery - provides access to more than 80 online sources
- PSK31, PSK63, PSK125 - monitors an entire band and displays heard callsigns
- RTTY - via the included MMTTY and 2Tone engines, with optional dual receive using a TNC
- CW (generation only) and Phone voice keyer
- DX and WWV spot collection - up to 6 clusters including DX Summit and the Reverse Beacon Network, filtering, direct QSY with QSX
- Propagation prediction - provides a graphical view of openings by frequency and time using your choice of the included VOACAP, ICEPAC, and IONCAP forecasting engines
- Propagation monitoring - auto-QSY to monitor the IARU HF beacon network
- supports add-in applications
- interoperates with MultiPSK, MMSSTV, MMVARI, DM780, Fldigi, HRD, MixW(5), DX Atlas(5)

Questions and suggestions are welcome in the DXLab Yahoo Group, an open forum that you are encouraged to join.

520211

Web hosting donated by Jamie Punderson W2QO and Networks & More! Inc. (http://www.k12usa.com & http://www.isboss.com)

www.dxlabsuite.com

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