

# T-VLF Software

The **T-Vlf** software is a new data transfer and visualization software to be used with the T-Vlf unit of *IRIS Instruments*.

This software requires the following minimal PC configuration:

- Pentium II microprocessor
- Windows Xp
- 128 Mb RAM memory (256 Mb recommended)
- 1280 x 768 screen

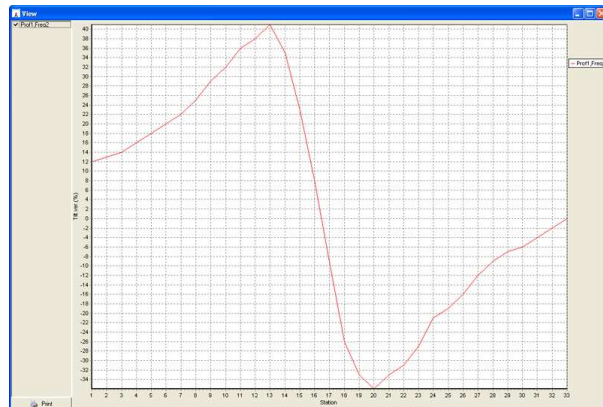
The main functions of the **T-Vlf** software are the following ones:

- Data download and presentation
- Data filtering
- Numeric or graphic presentation
- Tilt or resistivity curve display
- Computation and display of the Fraser curve
- Export to "txt" file
- Possibility to import data files previously transferred and saved with the first software version (DOS) of *IRIS Instruments*.



The data transfer to a PC can be done by a serial link RS-232 or a USB cable.

All the parameters measured by the unit can be graphically displayed by the software.



Graphic window of T-vlf software

# T-VLF Software

#	Profile	Station	Meas.Mode	Freq.(Hz)	Q (%)	Tilt.ver.(%)	Ellip.ver.(%)	H hor.(µA/m)	Tilt.hor.(°)	Ellip.hor.(%)	Ch1 Gain	Ch1 Dvld	Ch2 Gain	Ch2 Dvld	Ch3 Gain	Ch3 Dvld	Freq.
1	1	1	Tñ	18300	93	-10	-11	122.00	16	4	4	0	4	0	4	0	2
2	1	2	Tñ	18300	90	-13	-11	124.00	20	3	16	1	16	0	16	0	2
3	1	3	Tñ	18300	89	-14	-12	125.00	22	3	4	0	4	0	4	0	2
4	1	4	Tñ	18300	93	-16	-13	122.00	20	3	4	0	4	0	4	0	2
5	1	5	Tñ	18300	93	-18	-14	128.00	21	3	4	0	4	0	4	0	2
6	1	6	Tñ	18300	94	-20	-15	129.00	18	4	4	0	4	0	4	0	2
7	1	7	Tñ	18300	94	-22	-16	122.00	17	4	4	0	4	0	4	0	2
8	1	8	Tñ	18300	95	-25	-17	132.00	19	4	4	0	4	0	4	0	2
9	1	9	Tñ	18300	94	-29	-18	129.00	18	5	4	0	4	0	4	0	2
10	1	10	Tñ	18300	95	-32	-19	136.00	21	4	4	0	4	0	4	0	2
11	1	11	Tñ	18300	96	-36	-19	138.00	20	4	4	0	4	0	4	0	2
12	1	12	Tñ	18300	96	-38	-19	148.00	20	4	4	0	4	0	4	0	2
13	1	13	Tñ	18300	96	-41	-17	160.00	20	3	4	0	4	0	4	0	2
14	1	14	Tñ	18300	95	-35	-14	187.00	24	3	4	0	4	0	4	0	2
15	1	15	Tñ	18300	89	-23	-8	228.00	25	3	4	0	4	0	4	0	2
16	1	16	Tñ	18300	74	8	-3	245.00	25	4	1	0	1	0	1	0	2
17	1	17	Tñ	18300	100	-9	2	254.00	28	4	4	0	4	0	4	0	2
18	1	18	Tñ	18300	100	-26	9	214.00	22	3	4	0	4	0	4	0	2
19	1	19	Tñ	18300	100	-33	12	185.00	19	3	4	0	4	0	4	0	2
20	1	20	Tñ	18300	100	-36	15	138.00	22	2	4	0	4	0	4	0	2
21	1	21	Tñ	18300	100	-33	16	139.00	22	2	4	0	4	0	4	0	2
22	1	22	Tñ	18300	100	-31	17	128.00	20	2	4	0	4	0	4	0	2
23	1	23	Tñ	18300	100	-27	15	123.00	22	2	4	0	4	0	4	0	2
24	1	24	Tñ	18300	100	-21	14	124.00	24	1	4	0	4	0	4	0	2
25	1	25	Tñ	18300	100	-19	13	122.00	24	1	4	0	4	0	4	0	2
26	1	26	Tñ	18300	100	-16	13	121.00	24	1	4	0	4	0	4	0	2
27	1	27	Tñ	18300	100	-12	11	96.80	28	1	4	0	4	0	4	0	2
28	1	28	Tñ	18300	100	-9	11	114.00	26	1	4	0	4	0	4	0	2
29	1	29	Tñ	18300	100	-7	10	106.00	27	1	4	0	4	0	4	0	2
30	1	30	Tñ	18300	100	-6	9	103.00	28	1	4	0	4	0	4	0	2
31	1	31	Tñ	18300	100	-3	9	88.20	27	1	16	1	16	0	16	0	2
32	1	32	Tñ	18300	100	-1	9	44.50	27	1	16	1	16	0	16	0	2
33	1	33	Tñ	18300	99	0	9	38.60	31	0	4	0	4	0	4	0	2

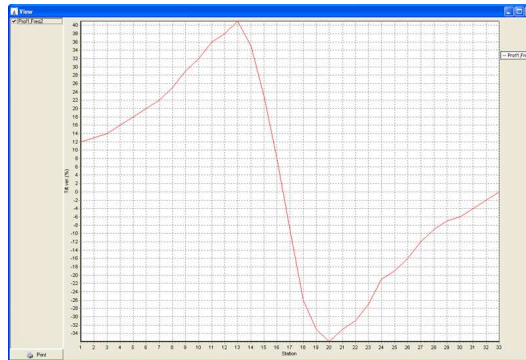
*Numeric display*

Once the data have been transferred and edited, several actions can be performed:

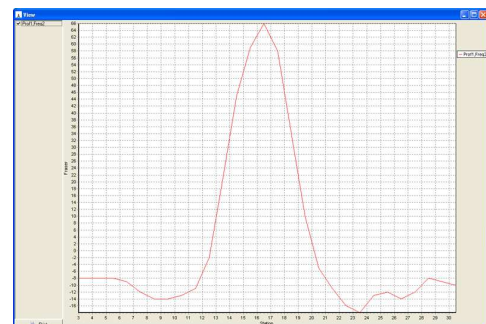
- Data filtering based on a parameter (quality factor,...)
- Display of the tilt curve along the measuring profile
- Computation and display of the Fraser curve
- ...

Min value		Max value
74.0000	Q (%)	100.0000
-36.0000	Tilt.ver.(%)	41.0000
-19.0000	Ellip.ver.(%)	17.0000
38.6000	H hor.(µA/m)	254.0000
16.0000	Tilt.hor.(°)	31.0000
0.0000	Ellip.hor.(%)	5.0000
0	Rho (ohm.m)	0
0	Ph.E./H (°)	0
0	E (µV/m)	0
0	H (µA/m)	0

*Data filtering*



*Tilt curve display*



*Fraser curve*

Specifications subject to change without notice BR\_VLF\_GB\_V1