5) SMART: how to download Loggers to a PC using the SMART programme

a. Connect the meter to the PC:

- i. Connect the instrument to the mains and switch on;
- ii. Connect the USB cable first to the Instrument and after to the PC;
- iii. Start the ROVER S.M.A.R.T. program on your PC;
- iv. Select "Connect Instrument" in the SMART Instrument menu (ref. fig.10),
- **v.** The SMART programme will automatically connect to the meter and show the model and serial number on the bottom status line of the programme.

b. Read the Meter's memory:

- i. Select "Instrument File Manager" in the SMART Instrument menu (ref. Fig. 10),
- ii. The complete memory download will be made and files listed on screen (ref. Fig.11),
- iii. Select and double click on a logger file to display its content,
- iv. Select "export" in the SMART File menu (ref. Fig. 12) and choose the format for the exported file: Excel or Pdf.



Fig.10 SMART: Instrument mer

× [*** INSTRUMENT FI	LE MANAGER ***			
	Find in 🔄 Instrument Files 💌	Name	Plan	N.Progr.	-	Refresh
	Unit dBuV 🔽	🚞 Ch.Plan 🚞 Mem. Plan			Ш	Open
	File Name	Logger				Instrument -> PC
	File type Instrument File (* *) 💌	Chookum 4		Þ		Delete

Fig.11 Instrument File manager output

S.M.A	R.T (POINT1)					_		
EHN File	Edit Instrument View Tools Wind	low Help	Factory					
6	Open	Ctrl+O	¥4					
Prg	Close		rg.Name	Local Osc [MHz]	S.Rate or CH.BW.	Lnb Pol SEGMENTS		
1	Save	Ctrl+S	P110	9750	27.500 MS/s	VL		
2	Save As	5111	9750	27.500 MS/s	HL			
3		5112	9750	30.000 MS/s	VL			
4	Terrent		5114	9750	27.500 MS/s	V L		
5	Import		P115	9750	27.500 MS/s	HL		
6	Import From Web		5116	9750	27.500 MS/s	VL		
7	Export		P118	9750	27.500 MS/s	VL		
8			P119	9750	27.500 MS/s	HL		
9	Page Setup	5120	9750	27.500 MS/s	V L			
10	Drint Draview	Dreview	5121	9750	27.500 MS/s	HL		
11	Find Freview	P122	9750	30.000 MS/s	VL			
12	Print Setup		5123	9750	27.500 MS/s	HL		
13	Print	Ctrl+P	P124	9750	29.700 MS/s	VL		
14		5125	9750	27.500 MS/s	HL			
15	1 AS1I19 TAB 4 Multiswitch.chn		P126	9750	29.900 MS/s	VL		
16	2 AS1119 TAB 7 Series Multiswitch.chn	P127	9750	27.500 MS/s	HL			
17		P128	9750	27.500 MS/s	VL			
18	3 AS1119 TAB 4 LNB.chn		P130	9750	30.000 MS/s	VL		
19	4 AS1119 HD TAB 700 series LNB.chn		P131	9750	27.500 MS/s	HL		
20			5132	9750	27.500 MS/s	VL		
21	Exit		P133	9750	27.500 MS/s	HL		
22	QP5K 51 11200.0		TP134	9750	27.500 MS/s	VL		
23	8PSK S2 11219.0		TP1	9750	27.500 MS/s	HL		
24	QPSK S1 11240.0		TP2	9750	29.900 MS/s	V L		
25	8PSK S2 11258.0		TS3	9750	27.500 MS/s	HL		
26	8PSK S2 11278.0		TS4	9750	27.500 MS/s	V L		
27	QPSK S1 11317.0		TP6	9750	27.500 MS/s	V L		

Fig.12 Export the logger file to Excel