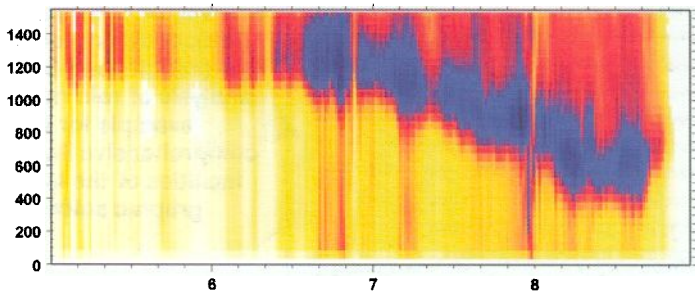


Micro-Rain-RADAR MRR

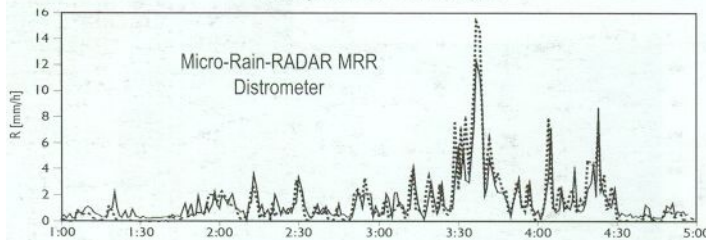


- Vertical Profiling of Rain Rate and Liquid Water Content
- Computes Complete Drop Size Distribution
- High Quality Measurements Free of Wind Effects, Sea Spray and Surroundings
- Adjustable Averaging Intervals, 10 - 1800 s
- Height Range More Than 2000 m
- 30 Range Gates
- Very Low Maintenance Efforts
- High System Reliability
- Low Power Consumption (24 VDC, 15 W)

Observation of Melting Zone



Comparison Rain Rate



Metek Meteorologische Messtechnik GmbH



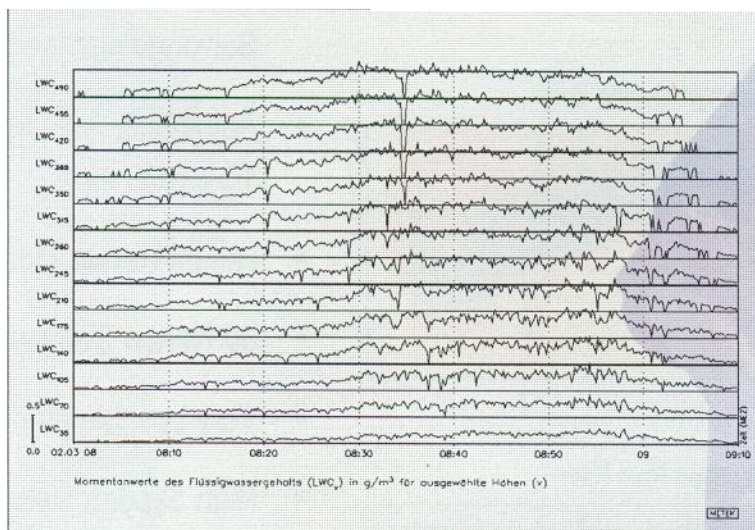
Micro-Rain-RADAR MRR

MRR-2 specifications:

Transmit power	50 mW
Frequency	24 GHz
Averaging interval	10 - 3600 s
Height resolution	10 - 100 m
Number of range gates	up to 30
Accuracy at height of 1000m/1 min average	1/100 mm/h
Power supply	230 VAC, 10 W
Weight (without power supply and cable)	6 kg



No Maintenance, Long Term Unattended Operation



Time series of liquid **water** content for different heights (left), contour plot of rain rate (middle) and **Statistical** analysis of rain **rate** as an example for the comprehensive illustration facilities of the included **graphic** software

Grafic Display: Includes Spectra, Time series, Profiles and Isolines

