

## HANDHELD VECTOR NETWORK ANALYZER

- OBZOR R80**     2MHz to 8.0GHz
- OBZOR TR80**   2MHz to 8.0GHz
- OBZOR R44**     2MHz to 4.4GHz
- OBZOR TR44**   2MHz to 4.4GHz

The **HANDHELD VECTOR NETWORK ANALYZERS** are designed to perform measurements in coaxial antenna-feeder paths in field.



### THE ANALYZERS FEATURE THE FOLLOWING ADVANTAGES:

- splash-proof housing;
- weight less than 2kg;
- wide range of operating temperature (from -10 C to +55 C);
- high capacity batteries (up to 4 hours of stand-alone operation);
- 4.3" OLED display ensures good visibility in the sunlight;
- integrated data logger capable to store more than 2000 measured traces and more than 200 device states;
- measurement recording with measurement site location (found by GPS);
- the automatic calibration modules developed for the analyzers make the process of calibration easier and the measurements more accurate.

	<b>OBZOR R80</b>	<b>OBZOR TR80</b>	<b>OBZOR R44</b>	<b>OBZOR TR44</b>
<b>Frequency range</b>	2.0 MHz to 8.0 GHz	2.0 MHz to 8.0 GHz	2.0 MHz to 4.4 GHz	2.0 MHz to 4.4 GHz
<b>Measured parameters</b>	$S_{11}$ cable loss	$S_{11}$ $S_{21}$	$S_{11}$ cable loss	$S_{11}$ $S_{21}$
<b>Range of measured parameters</b>	$ S_{11} $ $ S_{21} $ cable loss	0-30 dB 0-115 dB	0-30 dB -	0-30 dB 0-115 dB
<b>Power injector</b>	n/a	±5-30 V, 5 W	n/a	±5-30 V, 5 W
<b>Measurement time per point</b>	250 μs			

