

Version
01.00August
2003

50 W VHF Vehicular Broadband Antenna R&S® HV3015

- ◆ Frequency range 30 MHz to 108 MHz
- ◆ Designed for operation on all kinds of vehicles including jeeps, trucks and other armoured vehicles
- ◆ Suitable for operation on shelters and on masts or in other permanent installations
- ◆ Different kinds of bases available, with or without spring for flexible or rigid installation (on request)
- ◆ No groundplane needed (centerfed)
- ◆ GPS base available

**ROHDE & SCHWARZ**

The R&S HV3015 is a centered dipole antenna. Its radiating element is completely enclosed in epoxy/fiberglass laminate. Metal parts are made of brass and stainless steel. Because it uses the same base as the Antenna R&S HV3013, rods can be exchanged without tools.



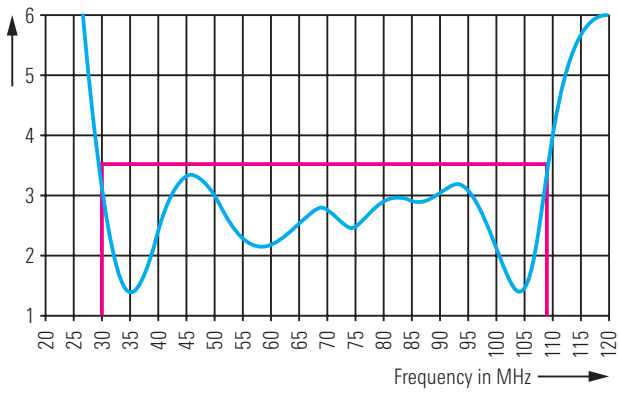
Specifications

Frequency range	30 MHz to 108 MHz
VSWR	<3.5, see diagram on next page
Nominal impedance	50 Ω
Power rating	50 W CW
Gain	see diagram on next page
Radiation pattern	
Azimuth	omnidirectional
Elevation	see diagrams on next page
Polarization	vertical
Finish	polyurethane lacquer, olive drab
Wind rating	55 m/s = 125 mph
Connector	BNC
GPS connector	SMA, model .03 only
Operating temperature range	-55°C to +75°C
Length	3.1 m, with spring base
Weight	3.4 kg, with spring base

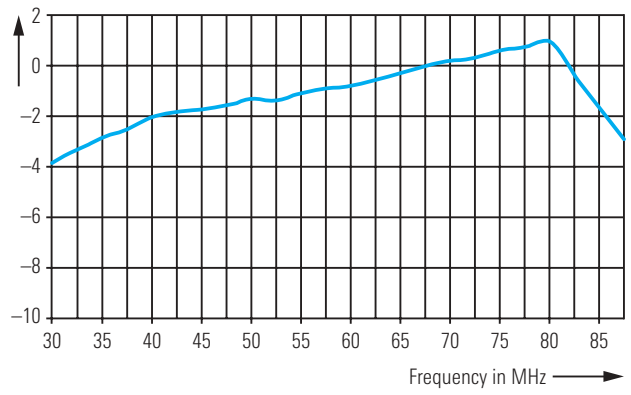
Ordering information

Order designation	Type	Order No.
50 W VHF Vehicular Broadband Antenna	R&S® HV3015	6098.8803.02
50 W VHF Vehicular Broadband Antenna GPS	R&S® HV3015	6098.8803.03
NATO codification of complete antenna		5985-25-146-8625

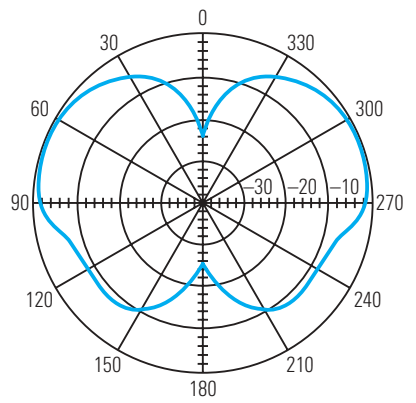
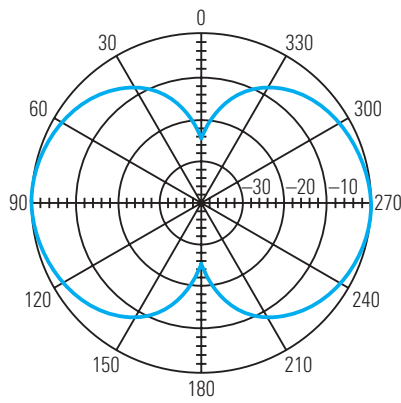
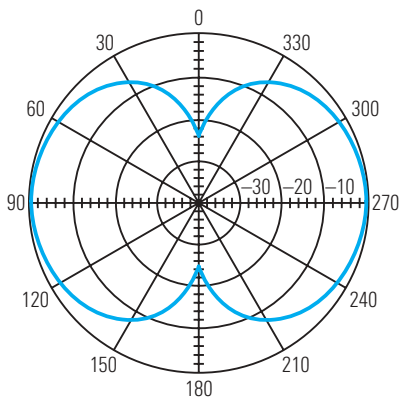




VSWR



Gain in dB, relative, 1/4 whip



Radiation pattern: elevation



ROHDE & SCHWARZ

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PD 0758.0439.32 · 50 W VHF Vehicular Broadband Antenna R&S® HV 3015 · Version 01.00 · August 2003 · Data without tolerance limits is not binding · Subject to change

Printed in Germany (B1 sk)