



GRHT-200

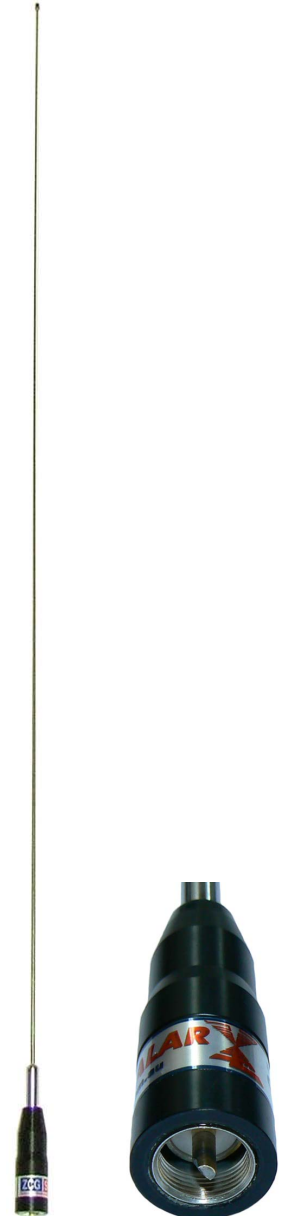
Ground independent VHF stainless steel whip VHF 174-220MHz



The GRHT-200 ground independent stainless steel whip is specifically designed and manufactured to suit wireless microphone transmission or VHF applications within the 174-220MHz range.

Mounting hardware, adaptors, bird-proofing and other installation accessories are all available separately.

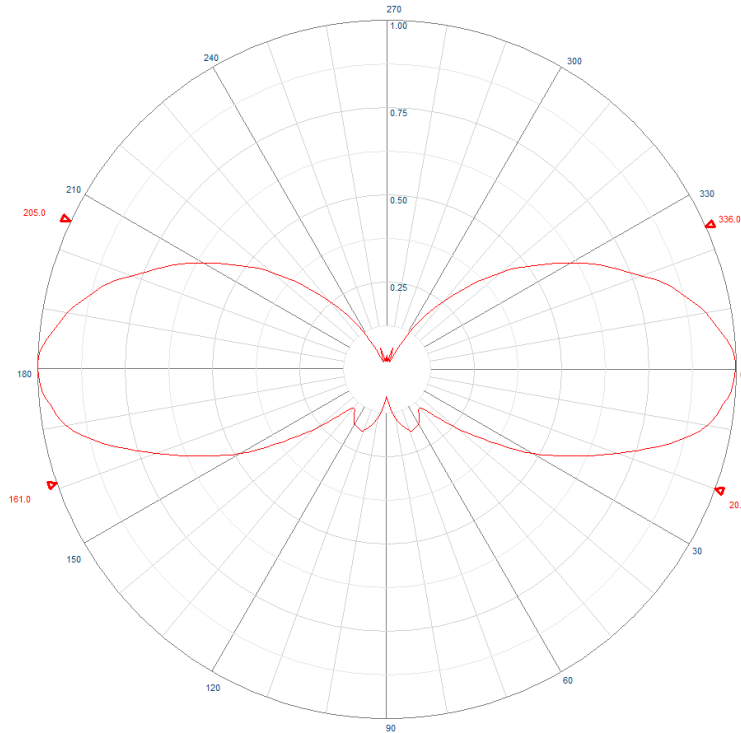
Construction	Type 17-74PH 304 grade stainless steel whip, black delrin base, chrome plated fittings
Frequency range	VHF 174 - 220MHz
Bandwidth	Any 2% bandwidth within frequency range
Tuning	Remove and trim base of whip using SWR meter
VSWR	<1.5:1 across 2% bandwidth
Gain	2.1dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional
Height	800mm
Weight	150grams
Connector	UHF male in antenna mount ferrule
Mounting hardware order separate	7994/ RA-4.7 or MGB-UHF
Mounting position recommended	Mount as high on your vehicle or structure as possible using an appropriate base and 16mm bracket or magnetic base
Installation requirements	Tune whip from base of detachable whip, do not trim top of whip





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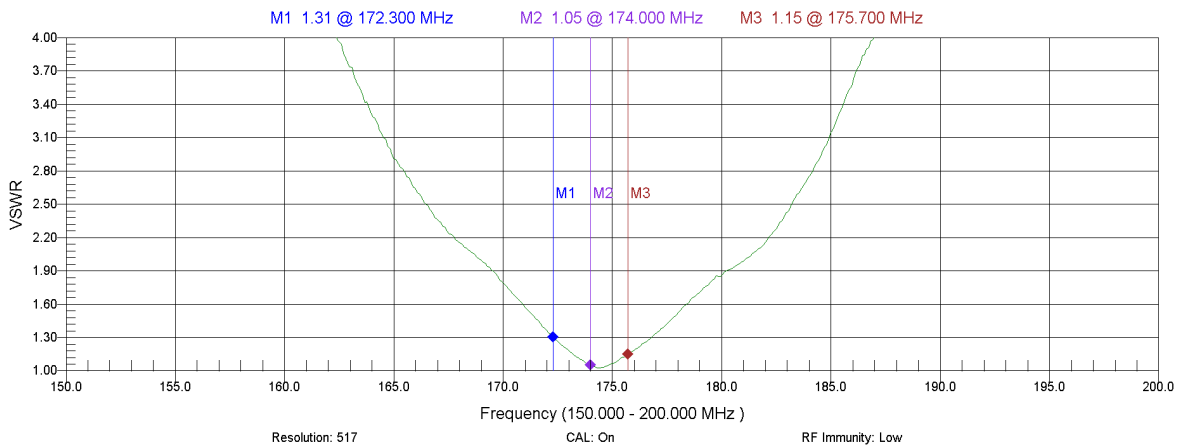
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VHF 174-220MHz



Example radiation pattern

Typical VSWR

GRHT-200 174-230MHz with 2% bandwidth




Typical VSWR - from factory

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Recommended installation accessories



P/N 7944 - right-angle UHF female connector, no cable

Requires 16mm mount hole
Requires 18mm & 25mm spanners




RA-4.7 - right-angle UHF female terminated 4.7m MIL-SPEC RG58A/U cable and UHF male PL259 connector supplied

Requires 16mm mount hole
Requires 18mm & 25mm spanners



MGB-UHF - Black powdercoated magnetic mount base, 4.7 metres MIL-SPEC RG58A/U coaxial cable, UHF male PL259 supplied

105mm diameter



ZMB-90 - Black powdercoated magnetic mount base, 5 metres MIL-SPEC RG58A/U coaxial cable, UHF male PL259 fitted

90mm diameter

Additional installation accessories



BBM-SS series - wrap around mount, 50-70mm diameter tube capability

16mm mount hole
Requires 10mm spanner



GM1 - 304 stainless steel 'L' mount bracket

16mm mount hole




GM2 - 304 stainless steel 'Z' mount bracket

16mm mount hole



GM6 - 304 stainless steel 'L' mount bracket with mount slot

16mm mount slot



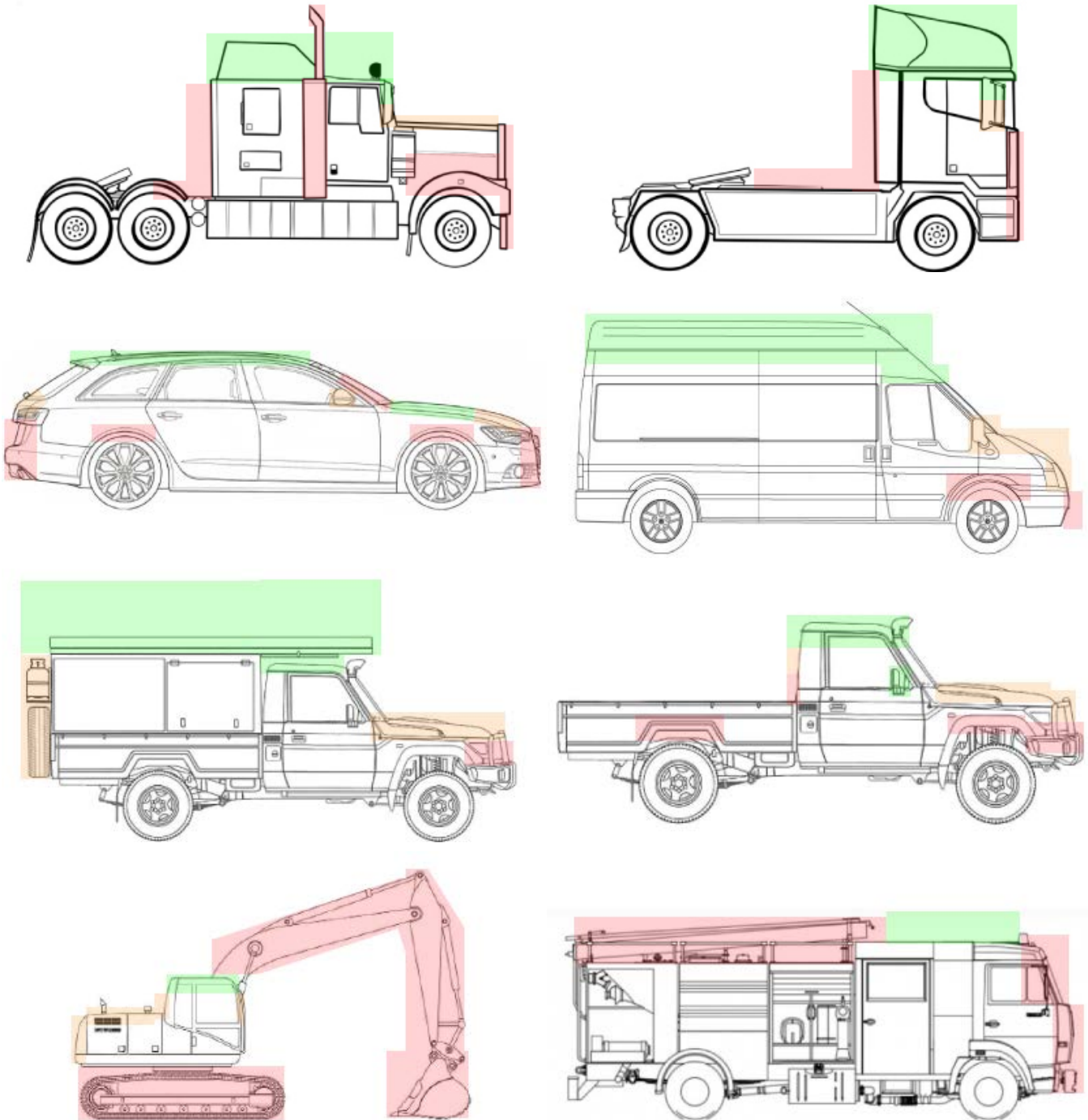
A-6211 - 304 stainless steel 'L' offset mount bracket, 200mm offset

16mm mount hole

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Vehicle Mounting locations



- Best/Recommended location for mounting
- Suitable mounting locations
- Not suitable mounting locations