

Model AJ2III

- **Band III VHF 2 ELEMENTS**
- **Broadband 175-230 MHz**
- **Vertical or Horizontal polarization**
- **Suitable for various patterns**
- **Stainless steel AISI 304**



ELECTRICAL DATA

Frequency range	175 – 230 MHz.
Impedance	50 Ohm
Connectors	N or 7/16" female or 7/8" EIA
Max Power	800W (N) – 2KW (7/16") – 3.5KW (7/8" EIA)
VSWR	≤ 1.20:1 Average
Polarization	Vertical or Horizontal
Gain	See table
Pattern	See table
Lightning protection	All metal parts DC grounded

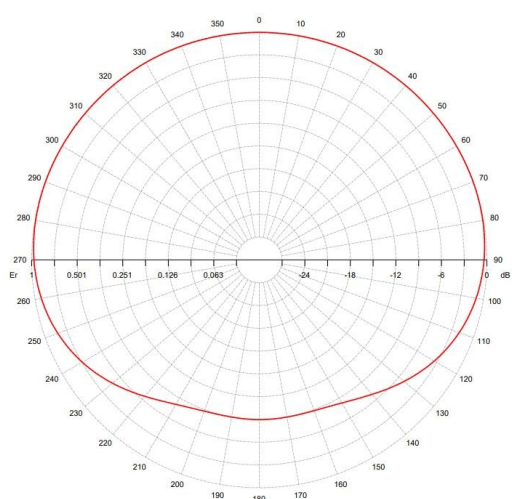
MECHANICAL DATA

Dimensions	605x550 x 180 mm.
Weight	7.5 kg without hardware mounting
Wind surface	0.120 m ²
Wind load	16.9 kg (wind speed at 150 km/h – without radome)
Max wind velocity	220 km/h.
Materials	External parts: stainless steel Internal parts: passivated aluminium Radome: fiberglass (option)
Icing protection	Feed point radome (optional)
Radome	Optional
Mounting	With special pipe clamps 50 – 120 mm. diameter

RADIATION PATTERN (MID BAND)

Frequency: 190 MHz

H amplitude



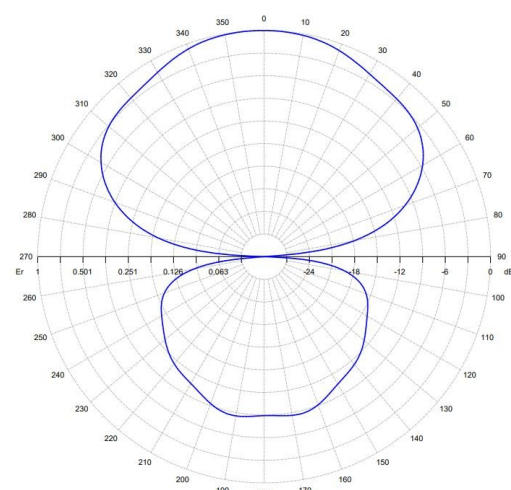
H-Plane

Gain (dBd): 1.98

Tilt (°): 0

Frequency: 190 MHz

V amplitude

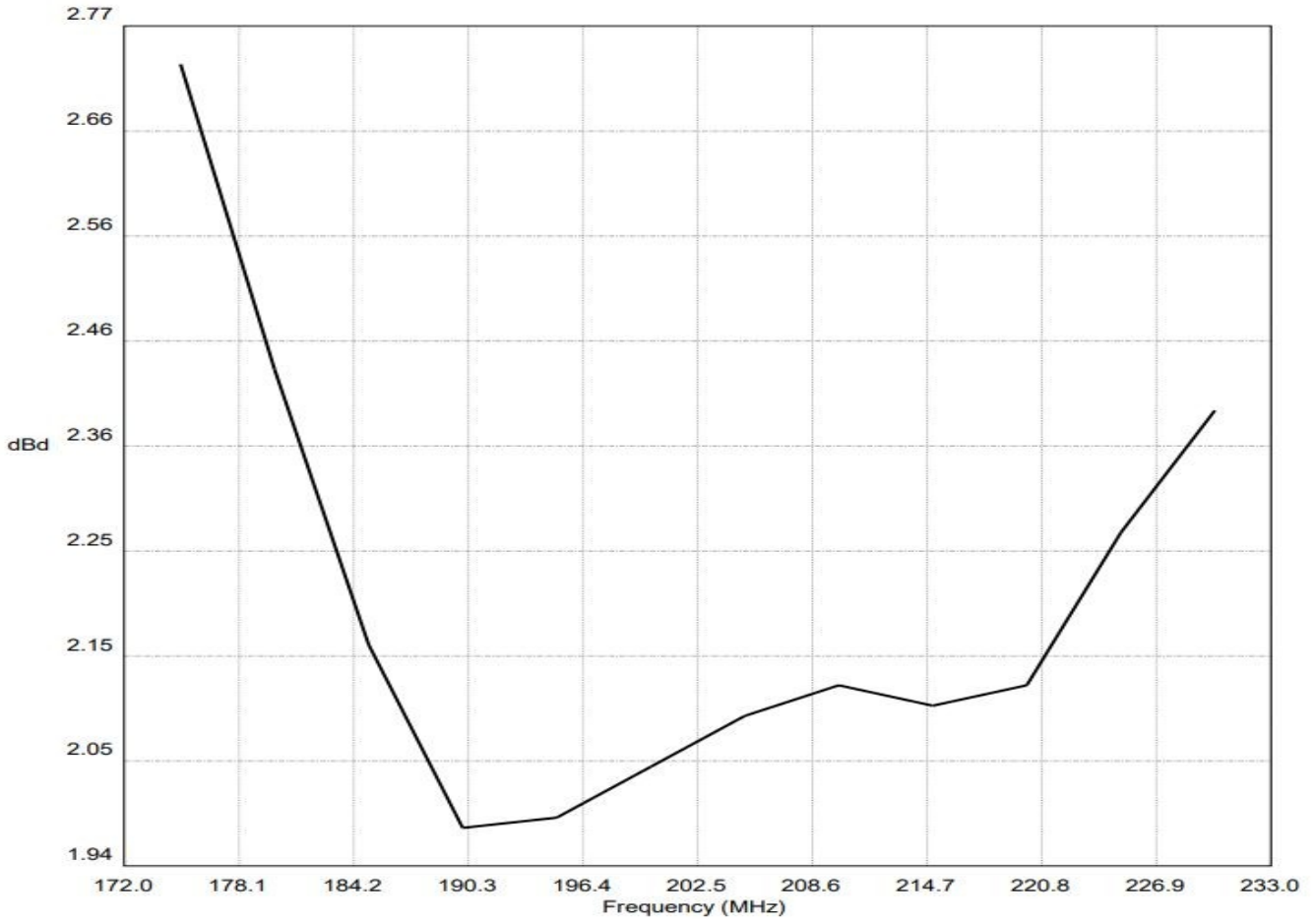


E-Plane

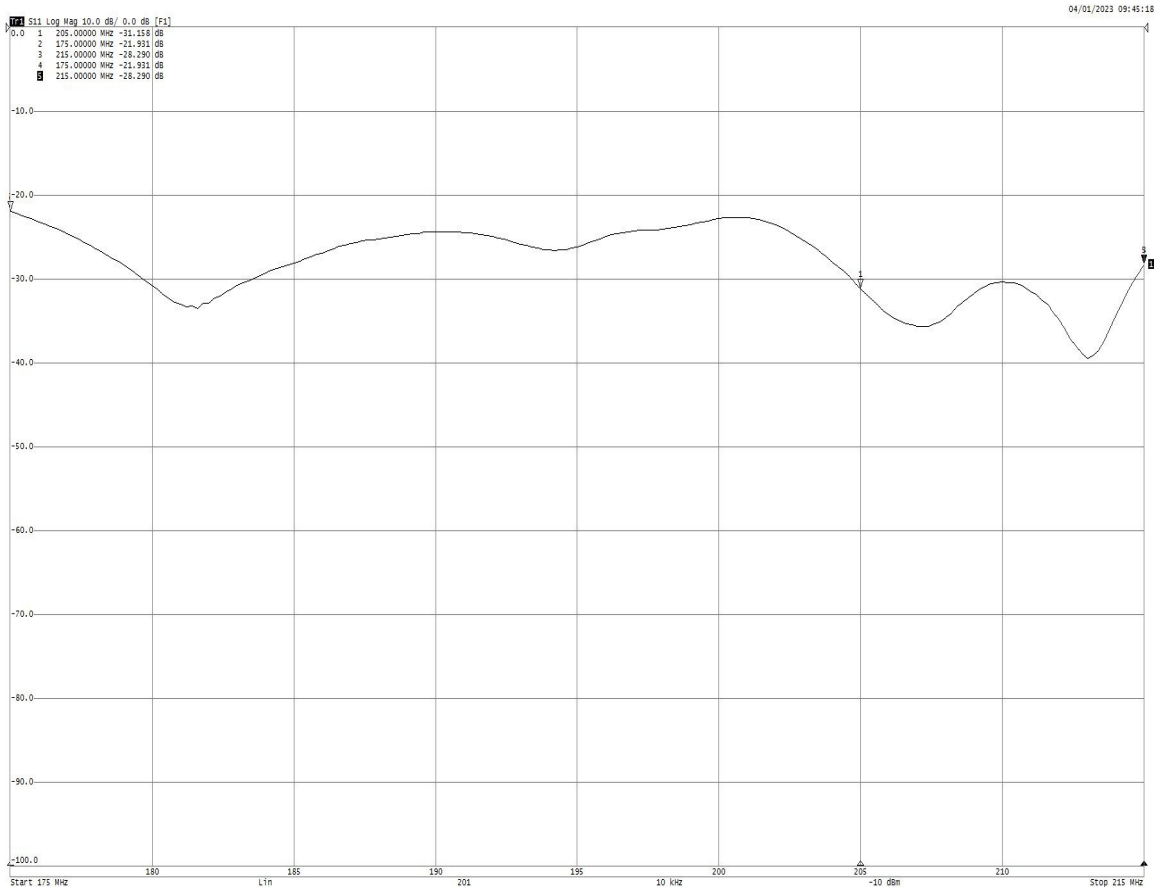
Gain (dBd): 1.98

Tilt (°): 0

Gain



Return loss



DIMENSIONS (mm)

