

SFERA GP ANTENNA

Ground plane omni, 0 dBd, 118-138 / 135 – 155 / 138 - 160 / 150 - 174 MHz

- Broadband Omni-directional antenna for ground to air applications
- Aluminum alloy and stainless steel construction
- Ground plane antenna

This is ground plane, broadband omni-directional antenna, offering a low VSWR over wide frequency range. Constructed of aluminum 6060 and stainless steel AISI 304. This antenna is designed to withstand winds of 175 km/h.



“Sfera GP Antenna”

ANTENNA SPECIFICATIONS

Electrical Specifications

Electrical Specifications		
Frequency Range	MHz	138 to 160
Connector		N-Male
Gain (nominal)	dBi (dBd)	0 (unity)
Input VSWR (max)		1.5:1
Polarization		vertical
Impedance	Ω	50
Pattern		Omni-directional
Vertical beamwidth (type)	degrees	71
Average Power Input (max)	W	150
Lightning protection		DC ground

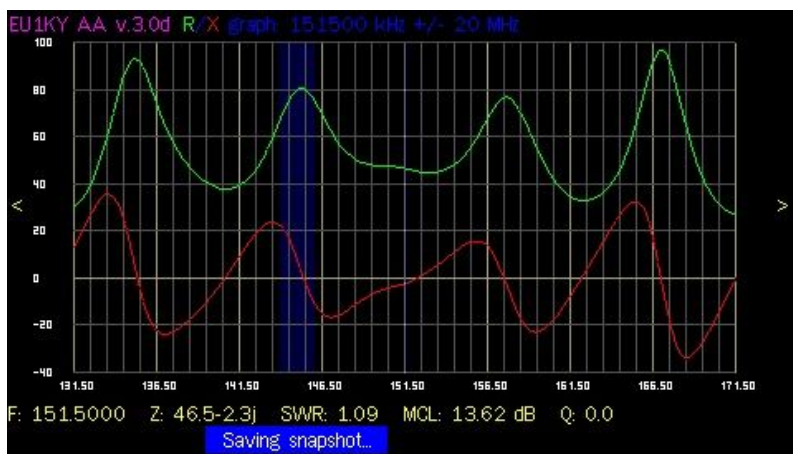
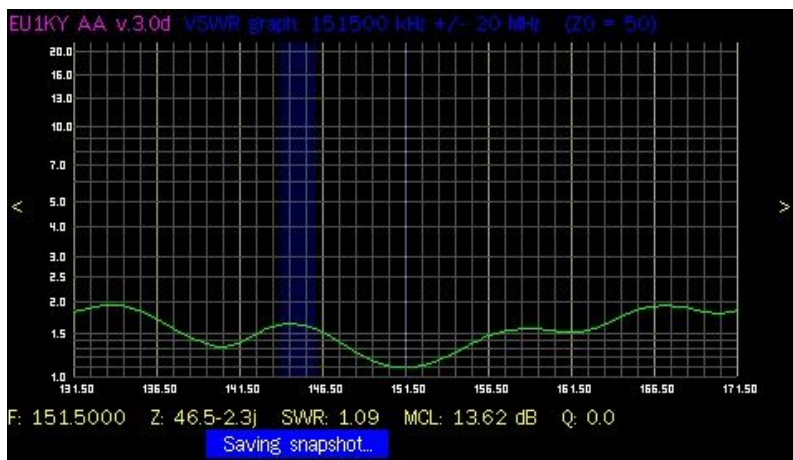
Mechanical Specifications

Mechanical Specifications		
Width	mm	530
Length/ Height	mm	920
Base pipe diameter	mm	30
Base pipe mounting length	mm	300
Weight	kg	1.05
Mounting Hardware	Fi 32	Included
Actual shipping weight	kg	1.7
Shipping dimensions	mm	860x100x100

Environmental Specifications

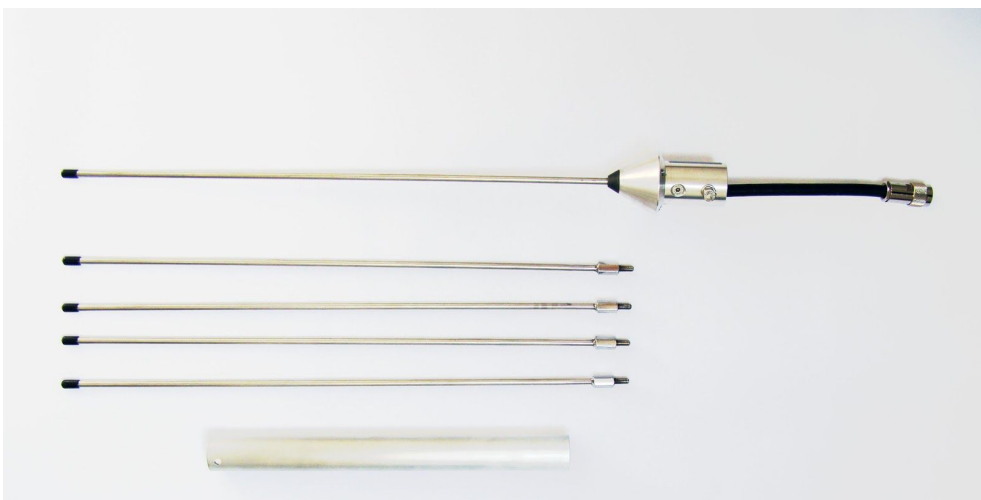
Environmental Specifications		
Temperature range	°C (°F)	-40 to +60 (-40 to +140)
Wind Loading Area (Flat Plate Equivalent)	m ²	0.07
Rated wind velocity (no ice)	km/h	175

Measurements



Why SFERA Antenna?

- Homemade and very precise manufacture prepared in a millimeter measurements for an accurate measurement.
- All hardware we use is in stainless steel AISI 304
- The aluminum used is 6060.
- Include detailed manual mounting.
- Detailed measuring diagram of VSWR included
- Do not be satisfied until our client has its antenna mounted and work with it. So, whenever you need or have any questions or comments, contact me Ferid - E73SF (sfera.antenna@gmail.com), which we will attend as quickly.





CONTACT



+387 61 829 650



sfera.antenna@gmail.com



Šukrije Kukavice 9, 73000, Goražde, Bosnia & Herzegovina

SOCIAL MEDIA



@sfera_antenna



@E73SF_Antenna



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