

Parabolic antenna JRA-23DD MIMO

Dual-polarized parabolic antenna **JRA-23 Deep Dish MIMO** is designed for directional links with MIMO mode at the frequency band 2,4 GHz. The antenna is designed for environments with multiple reflections for long and medium distances in difficult conditions. **Its design with deep dish increases isolation among antennas on a mast and increases front to back ratio.**

Electrical parameters:

Frequency range	2.3 – 2.7 GHz
Gain	23 ± 1 dBi
Cable loss	0,75 dB
VSWR 2.4 – 2.5 GHz	≤ 1.4 (rest of freq. range ≤ 1.6)
Beamwidth -3 dB	14°
Front to Back ratio	≥ 38 dB
Polarization	Linear, vertical/horizontal or 2x45°
Fine setting polarization	± 5°

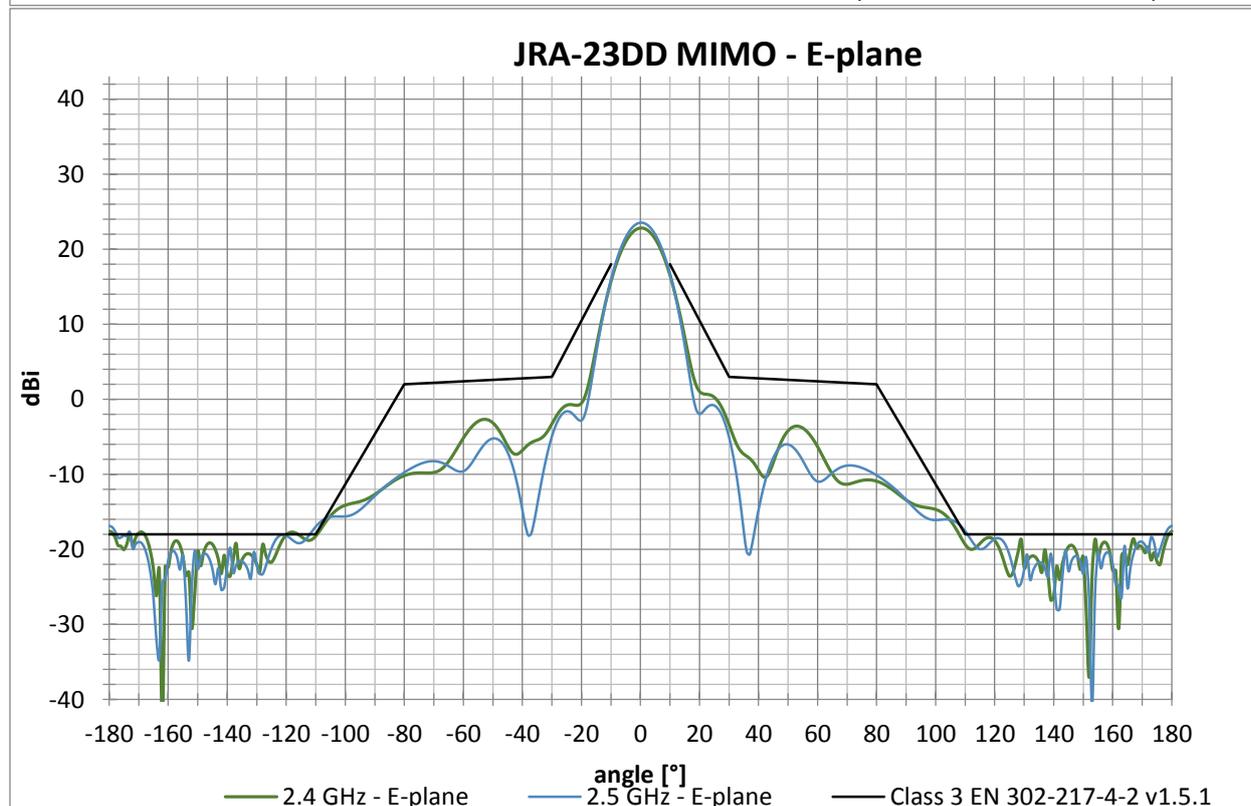
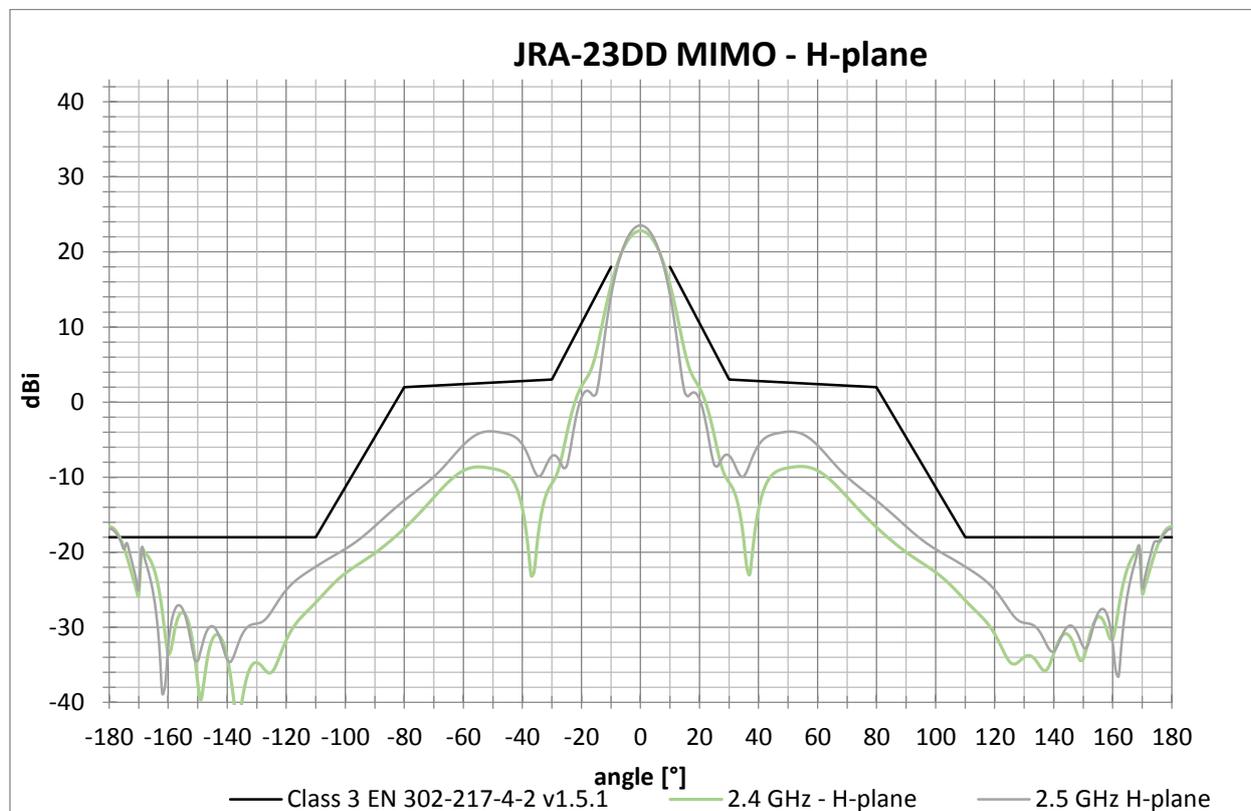
Mechanical parameters:

Parabola	Ø 680 mm, Aluminium alloy
Radome	UV steady plastic ABS
Type of connector	R-SMA on cable
Installation for mast	Ø 27 - 74 mm
Weight of antenna	6.1 kg (13.4 lbs.)
Shipping dimensions - 2 pcs	810 x 790 x 340 mm/15.5 kg (34 lbs.)

The antenna can be used in combination with the outdoor **plastic box JR-200** or **metal box JR-250 Alu** or with holder **GentleCLIP** for easy installation devices with the clipped system. The antenna has separate latching nuts for easy mounting and adjustment of the azimuth and elevation. Right and left side mounting possible (with the box just right side).

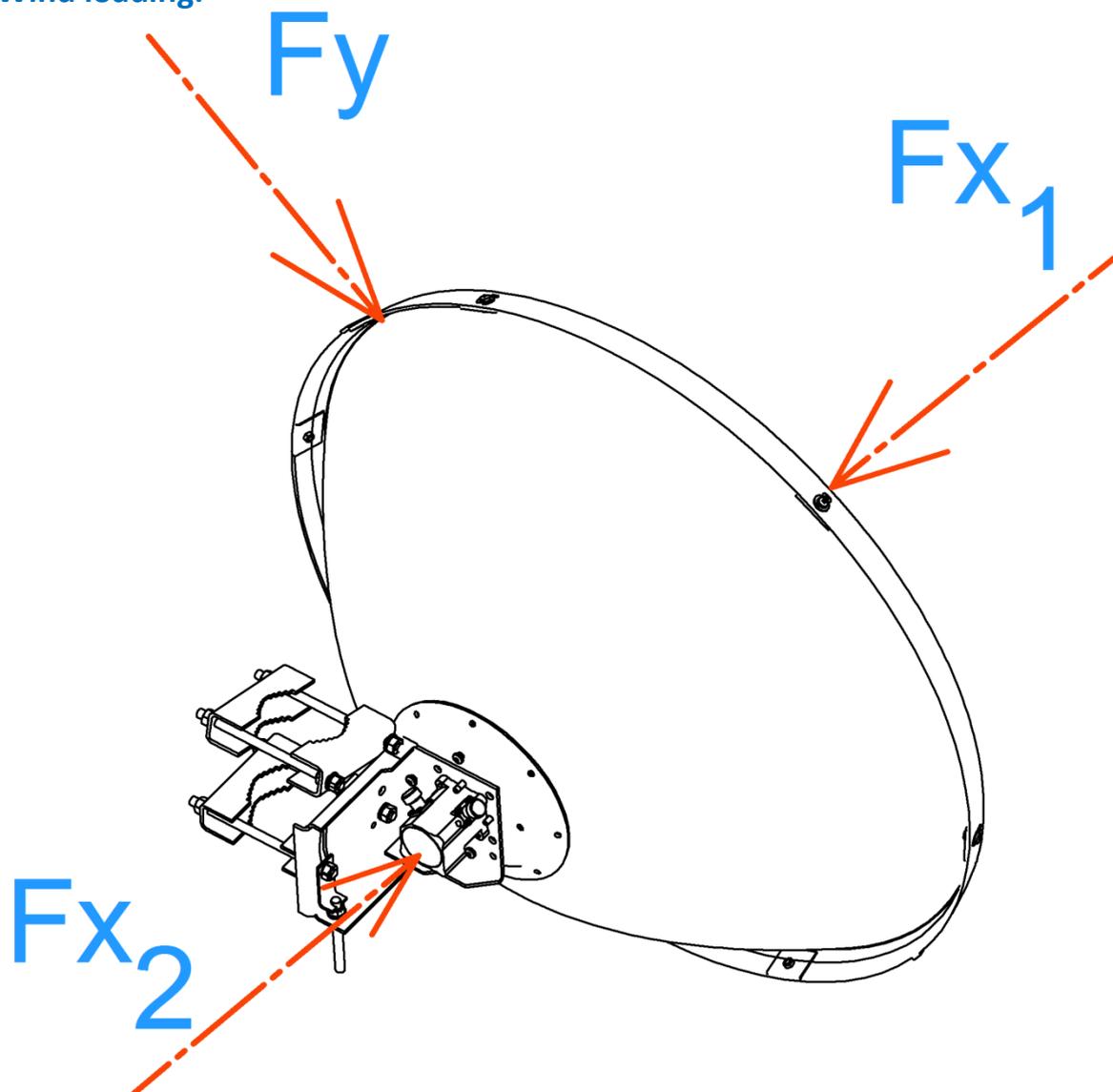
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Radiation pattern:



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Wind loading:



Wind Loading at 200 km/h [125 mph]		
Direction	Force [N]	Force [lbf]
Fx1	707	159
Fx2	792	178
Fy	71	16