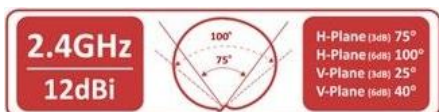


MBAP-RF1-SANFO-2M1207525

2.4GHz 12dBi Dual Polarization MIMO Sector Antenna Assembled IP69 Top case (without Wireless Motherboard)

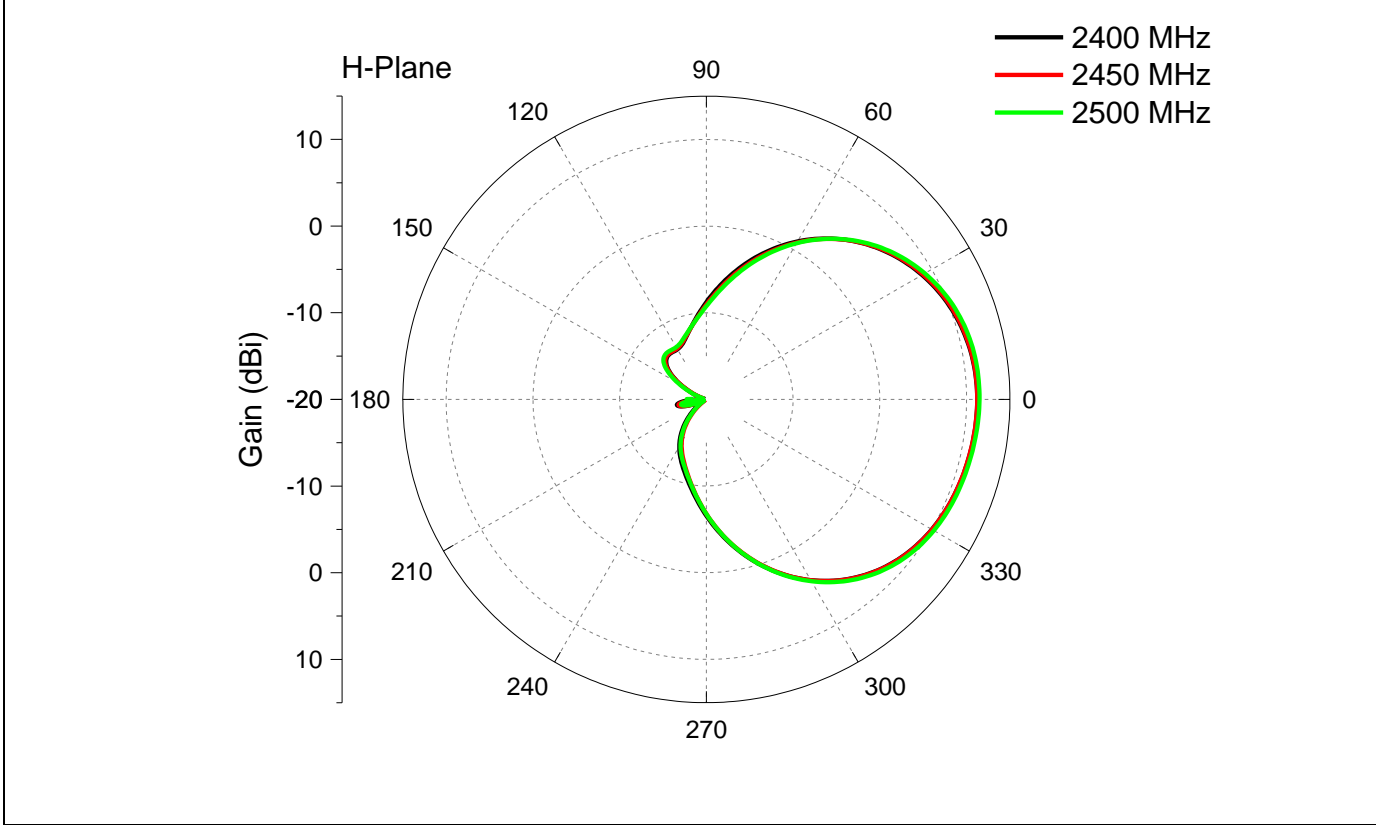


Electrical Specification	
Frequency	2400 - 2500MHz
Antenna Gain	12dBi +/-0.5dBi
VSWR	2.0 : 1 (Max.)
Polarizations	+45°Vert. Polarization +45°Hor. Polarization
Isolation	20 dB Typical
HPBW/H-Plane -3dB H-Plane	75°
HPBW/H-Plane -6dB H-Plane	100°
HPBW/H-Plane -6dB / -9dB H-Plane	120°/ 140°
HPBW/V-Plane -3dB V-Plane	25°
HPBW/V-Plane -6dB V-Plane	35°
HPBW/V-Plane -6dB / -9dB V-Plane	40°/ 45°
Front Back Ratio	30dB
Power handing	5W
Input Impedance	50 Ohm
Connectors	SMA / N Plug x 2
Cable Type/Length/Cable Loss	RG233, 100cm, 1.7dB Max
Anti-lightning induction protection	DC Grounding
Mechanical Specification & Environment Characteristics	
Dimension	266 x 266 x 110 mm
Assembly PCBA Space	180 x 140 x Up-50mm / Down-25mm
Weight	1000g + 1500g = 2500g
Radome Color	White
Radome Material	PC, UV resistant, UL746C
Under Cover Shell ##	Aluminum Die-casting
Temperature	-40oC to 80 oC
Humidity	95% @ 55 oC
Survival Wind Speed / Scale	250Km/hr & 17Beaufort scale
Waterproof	IP69
Shell identification method	Red lettering is marked on the shell
Universal Stainless Mounting Kit* P/N:IOP-UHMK-VESA75-1 L x W x H : 125 x 125 x 77mm Weight : 0.9Kg	<ul style="list-style-type: none"> ■ Wall Mount / Car Mount ■ Pole Mount (1" ~ 2.5") ■ Lamp Post (Belt Type) ■ Electric Pole (Belt Type)
* Support International VESA Standard Installation Size :75 X 75 mm * Support General ODU Installation Size : 60 X 60 mm ~ 75 X 75mm * Support Triangle Fixing Point Fixed Way * Support Screw-tightening Method * Support + -40° Antenna Angle Adjustment Function	

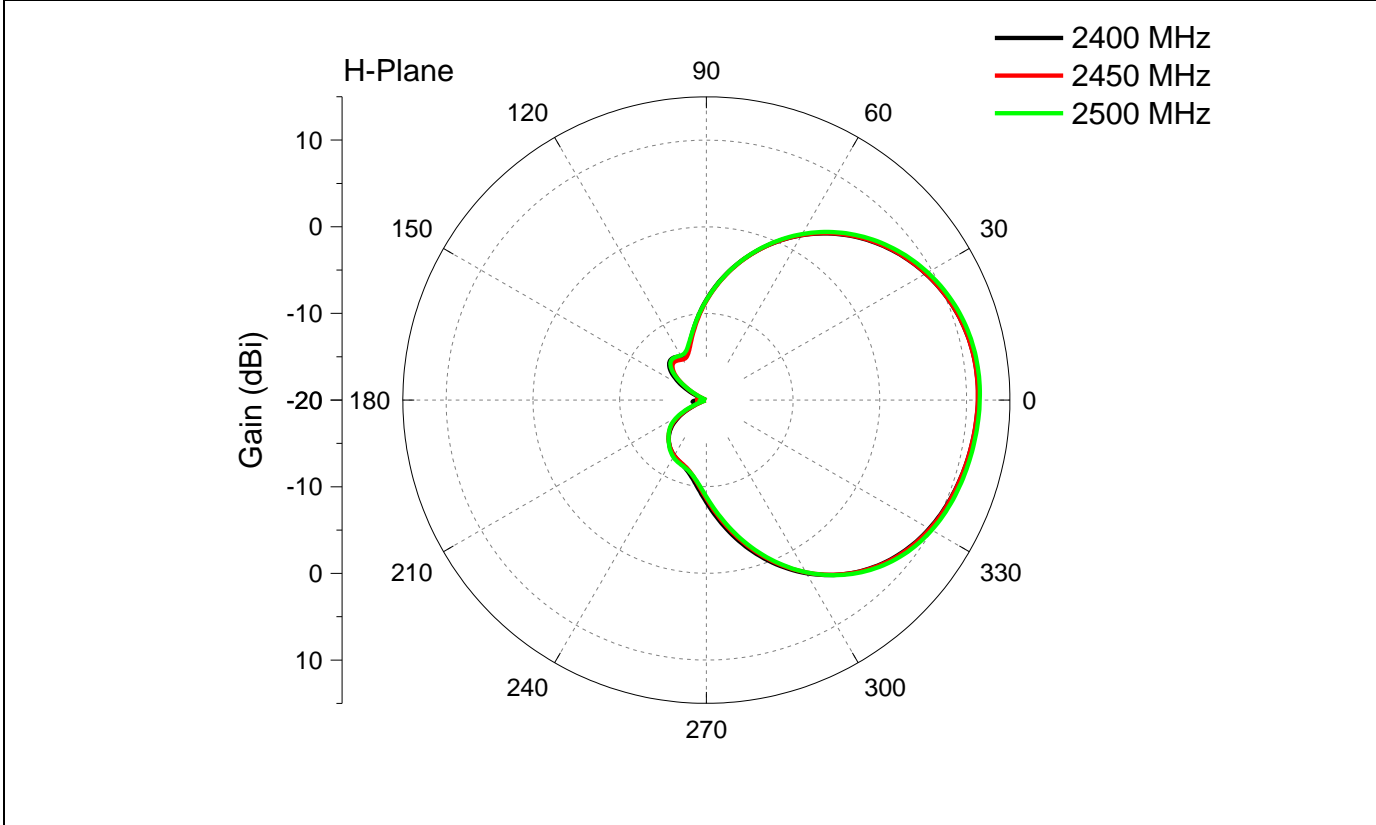
■ Radiation Pattern

H-Polar

■ H-Plane +45° Horizontal Polarizations

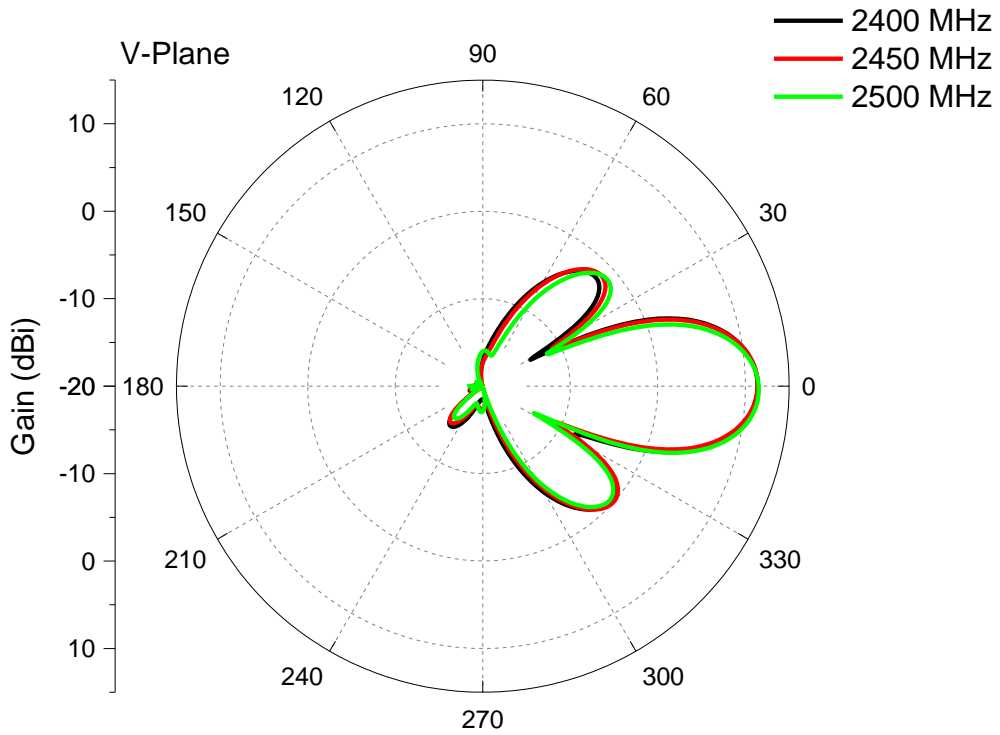


■ H-Plane -45° Horizontal Polarizations



V-Polar

■ V-Plane +45° Vertical Polarization



■ V-Plane -45° Vertical Polarization

