

# AOA-2458-79AF

# AOA-2458-79AM

Dual-Band 2.4 GHz+5 GHz Antenna



AOA-2458-79AF

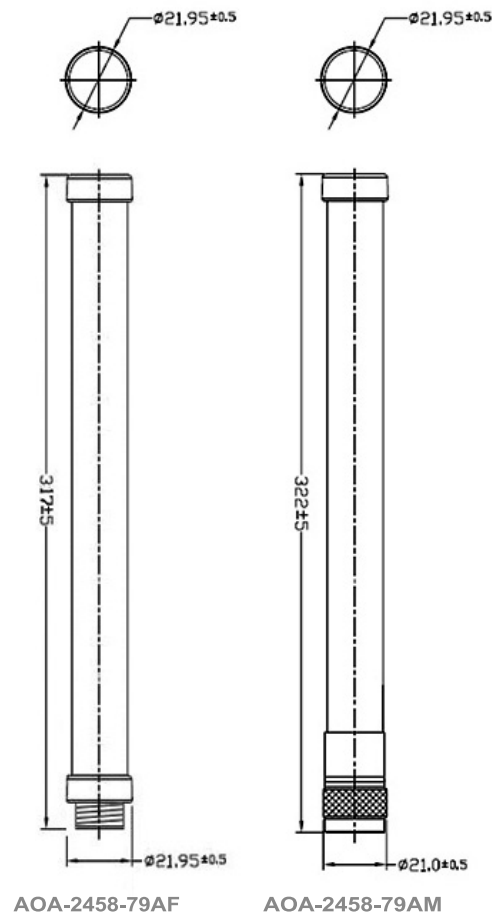
AOA-2458-79AM

## Specifications

|                 |                  |               |
|-----------------|------------------|---------------|
| Frequency Range | 2400 -2500 MHz   | 5150-5875 MHz |
| Gain            | 6.5 dBi          | 8.5 dBi       |
| VSWR            | 2.0 : 1 Max.     | 2.0 : 1 Max.  |
| Polarization    | Linear, Vertical |               |
| Power Handling  | 2W (cw)          |               |
| Impedance       | 50 $\Omega$      |               |

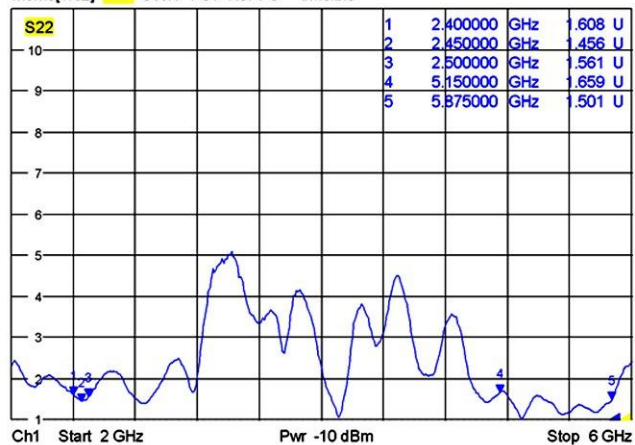
|                |                  |               |
|----------------|------------------|---------------|
|                | AOA-2458-79AF    | AOA-2458-79AM |
| Connector      | N female         | N male        |
| Antenna Length | 317 mm           | 322 mm        |
| Temperature    | -40 °C to +85 °C |               |
| Humidity       | 95 %@ 25 °C      |               |

## Dimension



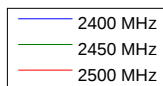
## VSWR

Trc2 S22 SWR 1 U / Ref 1 U Cal int 2 of 2 (Max)  
Mem3[Trc2] SWR 1 U / Ref 1 U Invisible

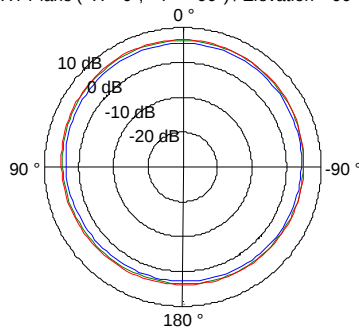


Date: 11.SEP.2019 18:31:57

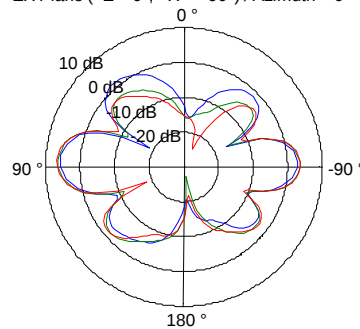
## Radiation Pattern 2.4 GHz Band = 2400 - 2500 MHz



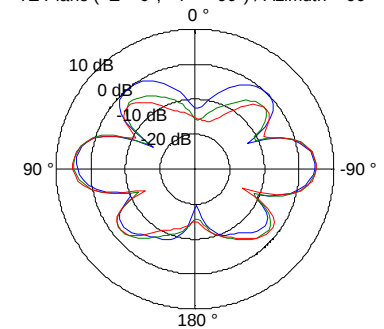
XY Plane (+X = 0°, +Y = +90°) / Elevation = 90°



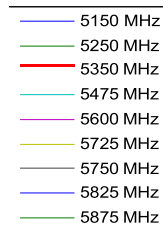
ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0°



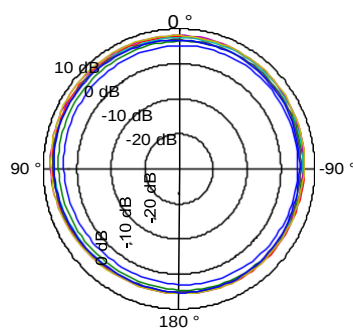
YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90°



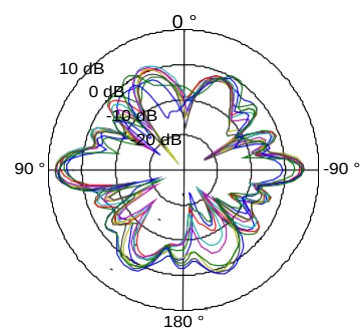
## Radiation Pattern 5 GHz Band = 5150 - 5875 MHz



XY Plane (+X = 0°, +Y = +90°) / Elevation = 90°



ZX Plane (+Z = 0°, +X = +90°) / Azimuth = 0°



YZ Plane (+Z = 0°, +Y = +90°) / Azimuth = 90°

