

Multiband Antenna for Mini UAVs



Features and Benefits

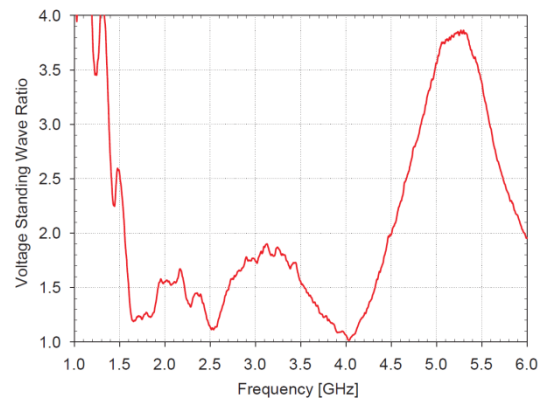
- L-, S-, & C-band Operation
- Small & Thin
 - Aerodynamic
- Lightweight
 - Less than 18 grams!

Pharad's *octane*[®] Mini UAV antennas are the highest performing light weight antennas available for small UAV applications. Weighing only 18 grams, these antennas provide broadband operation in L-, S-, and C-bands. No other lightweight UAV antenna provides a single solution for such a variety of UAV communications equipment.

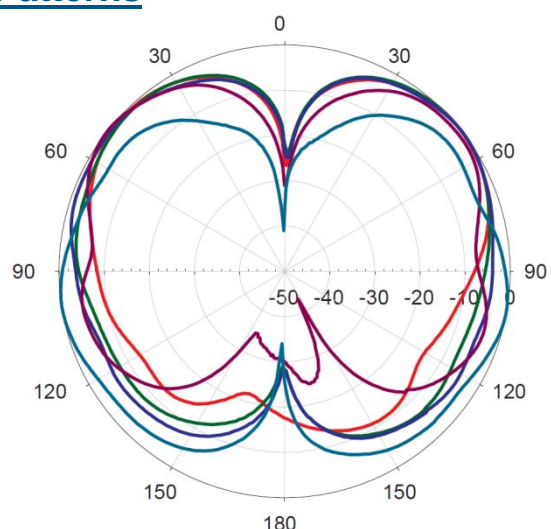
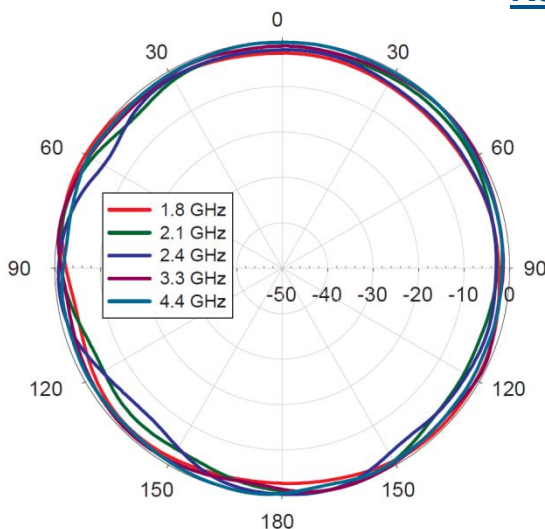
Characteristics

Model #	AU-1600-4400
Frequency	1600 – 4400 MHz
Gain	1.3 dBi @ 1800 MHz 3.1 dBi @ 4200 MHz
VSWR	< 2:1
Maximum Power	10 Watts
Pattern	Near omni
Polarization	Vertical
Radiator Size (H × W)	2.6" × 0.6"
Weight	18 grams
Connector Type	SMA

Typical VSWR



Radiation Patterns



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797 Cromwell Park Drive, Suite V • Glen Burnie, MD 21061 • phone 410-590-3333 • info@octanewireless.com

www.octanewireless.com