

VHF to C-band Wearable Antenna



Model: BW-30-6000

Features and Benefits

- 30 – 6000 MHz antenna
- Low Visibility
- Wearable with Waterproof Cover
- Flexible Extension
- Thin and lightweight

Pharad's **octane**[®] wearable broadband antennas are the most covert small form factor antennas for applications requiring a single antenna for VHF to C-band. This antenna can be easily mounted to a rucksack via its MOLLE strapping or eyelets, and operates both in a stowed and deployed configuration. The lightweight, unobtrusive design and flush mounting provide the user a friendly alternative to traditional dismounted. The unique form factor of this antenna is made possible by incorporating Pharad's patented **Flexenna**[®] flexible antenna technology. Standard connector options allow these antennas to easily connect to a variety of electronic systems. Its unsurpassed range and coverage performance make this **octane**[®] wearable antenna the antenna of choice

Characteristics

Model #	BW-30-6000
Frequency	30 – 6000 MHz
Gain[†]	-7 dBi @ 30 MHz -1 dBi @ 108 MHz 3 dBi @ 225 MHz 3.2 dBi @ 512 MHz 4.0 dBi @ 1200 MHz 3.7 dBi @ 2400 MHz 4.7 dBi @ 5800 MHz
Maximum Power	20 Watts
Pattern	Near omni
Polarization	Vertical
Radiator Size (L × W × D)	17" × 11.5" × 0.5" (stowed) 41.5" × 11.5" × 0.5" (deployed)
Cable Length	24"
Radiator Weight	< 27 ounces
Connector Type	N

[†] Measured on phantom as surrogate body.

BW-30-6000



Deployed

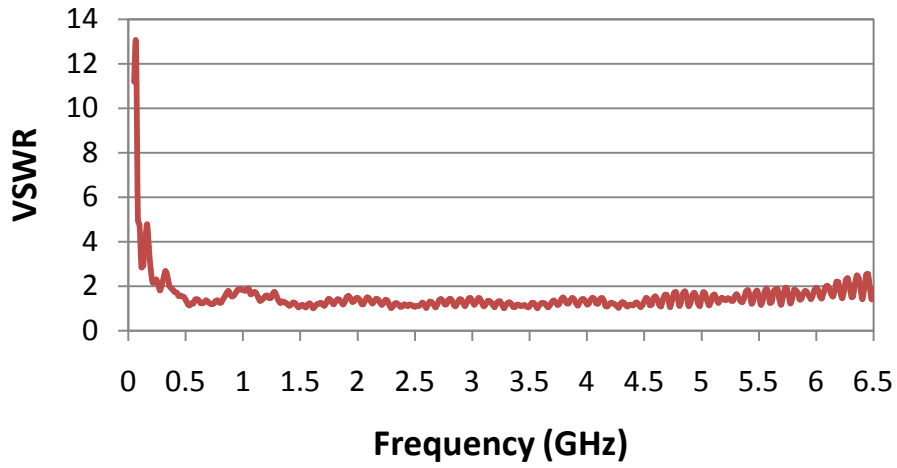
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797 Cromwell Park Drive, Suite V • Glen Burnie, MD 21061 • phone 410-590-3333 • info@octanewireless.com

www.octanewireless.com

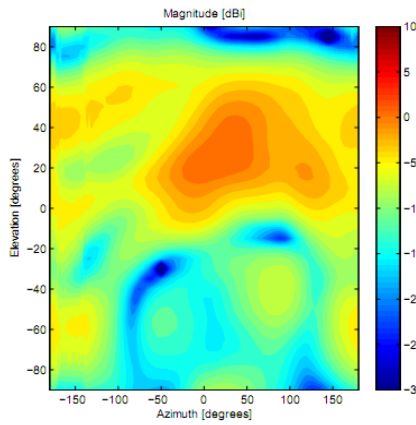


VSWR[†]

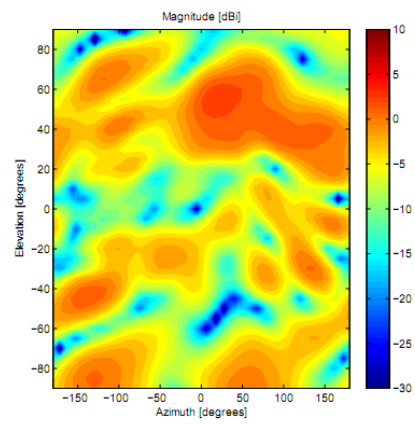


Radiation Performance[†]

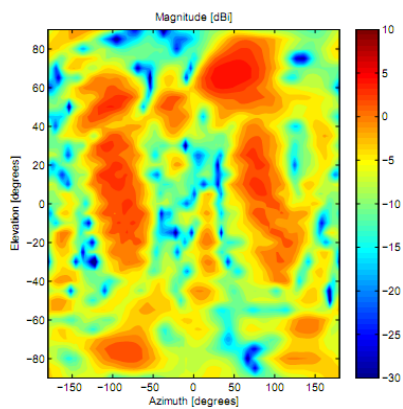
500 MHz



900 MHz



2400 MHz



5800 MHz

