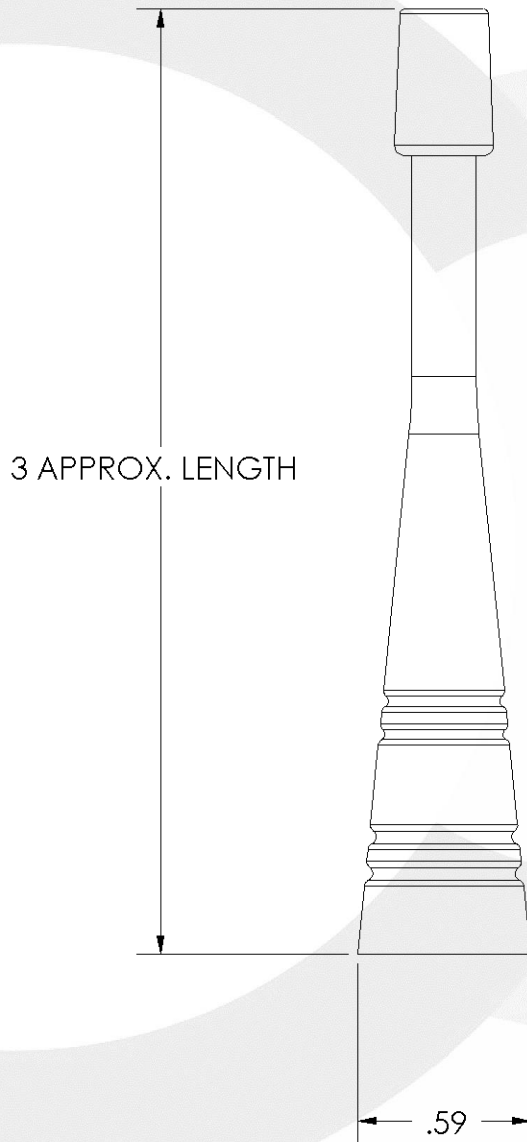


**PORTABLE ANTENNAS**

**863-973 MHz ¼ WAVE**

**SPWH24918**

Series : ANTENNA



All dimensions are in inches

Issue : 0710

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



**PORTABLE ANTENNAS****863-973 MHz ¼ WAVE****SPWH24918**

Series : ANTENNA

**ELECTRICAL SPECIFICATIONS**

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Frequency : (Gound Dependant).....  | <b>863-973 MHz</b>              |
| Nominal Impedance :.....            | <b>50 Ω</b>                     |
| VSWR :.....                         | <b>2.0:1 Max</b>                |
| Gain (Radiating element) :.....     | <b>1.5 dBi ± 1 dB</b>           |
| Peak Gain (Omni-directional plane): | <b>0.9 dBi +/- 1 dB</b>         |
| Radiation Pattern                   |                                 |
| -3 dB beamwidth                     |                                 |
| Horizontal Plane :                  | <b>Omni-directional ° ± 2 °</b> |
| Vertical Plane :                    | <b>Dipolar ° ± 2 °</b>          |
| Polarization :.....                 | <b>Vertical</b>                 |
| Power withstanding :.....           | <b>2 W</b>                      |
| Connector type :.....               | <b>SMA MALE</b>                 |

**MECHANICAL SPECIFICATIONS**

|                        |                       |
|------------------------|-----------------------|
| Plastic radome :.....  | <b>TEXIN 245-1000</b> |
| Color :.....           | <b>BLACK</b>          |
| Weight :.....          | <b>29 g</b>           |
| Overall length : ..... | <b>3 INCHES</b>       |

**ENVIRONMENTAL SPECIFICATIONS**

|                              |            |
|------------------------------|------------|
| Operating temperature :..... | <b>° C</b> |
|------------------------------|------------|

PORTABLE ANTENNAS

863-973 MHz ¼ WAVE

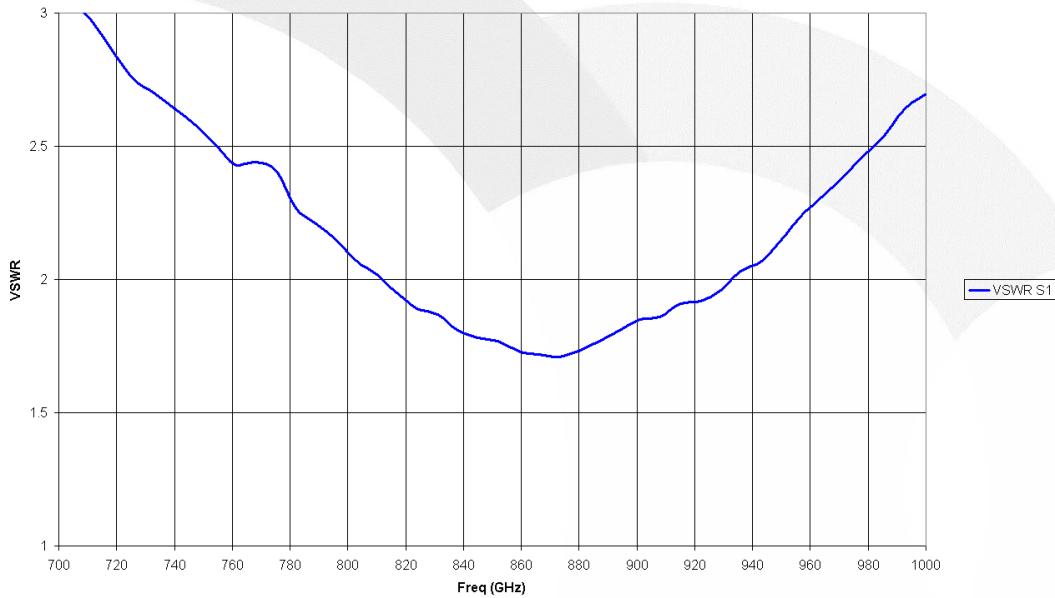
**SPWH24918**

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**OTHERS SPECIFICATIONS**

All the electrical specifications have been defined on an important ground plane (Ø 60cm). The reduction of this diameter modifies the radiation specifications and an important part of the energy is redirected in the horizontal plane. The VSWR is ground dependant.

**CURVES**



Issue : 0710

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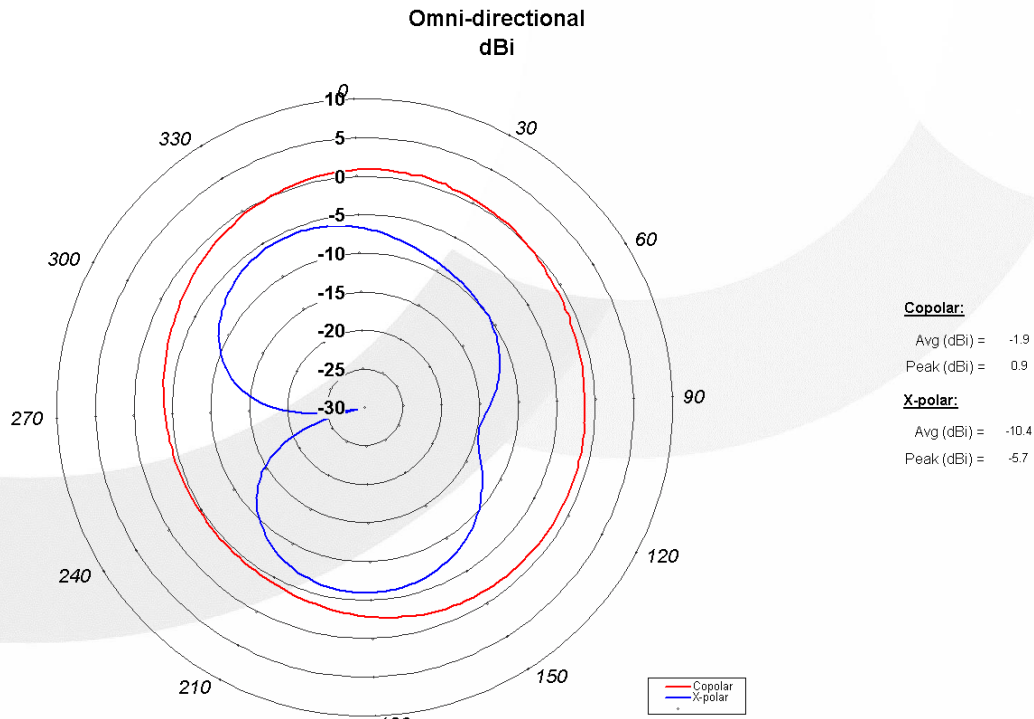
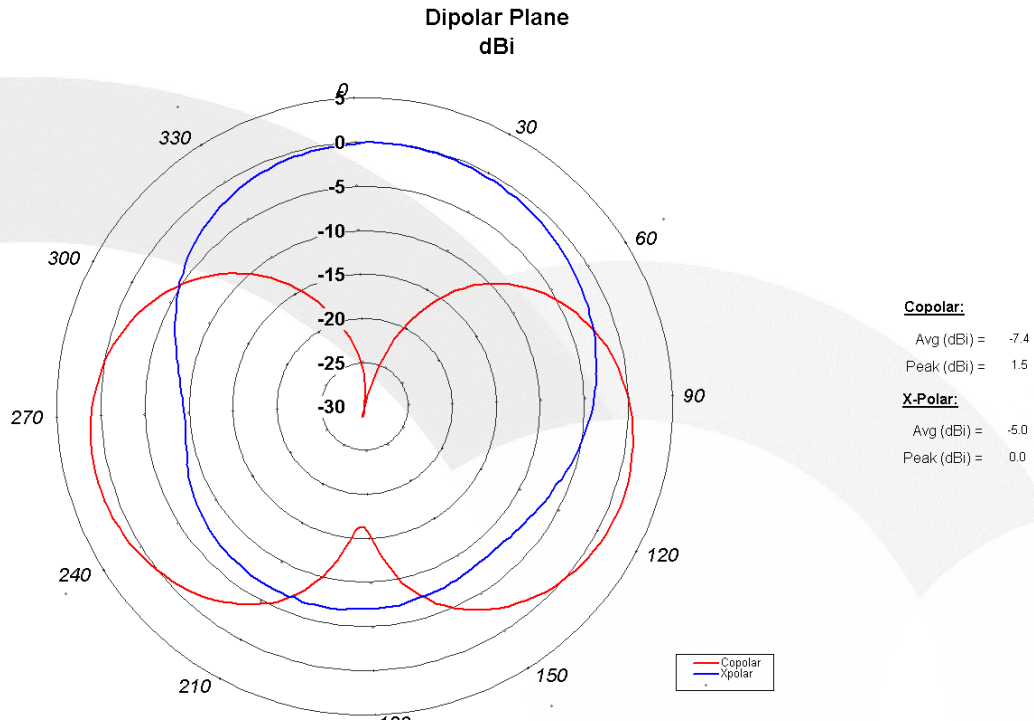


**PORTABLE ANTENNAS**

**863-973 MHz ¼ WAVE**

**SPWH24918**

Series : ANTENNA



Issue : 0710

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