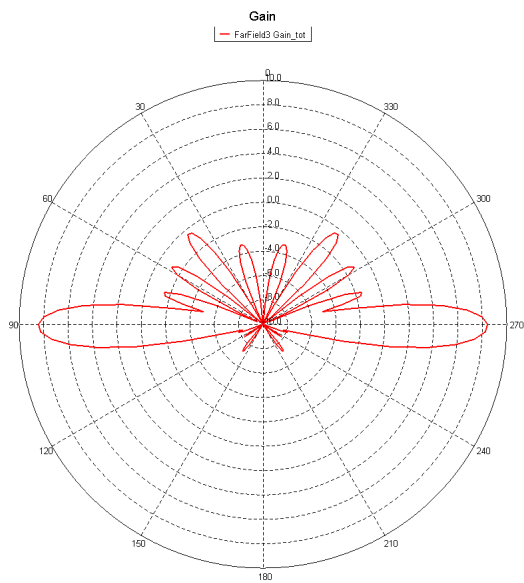
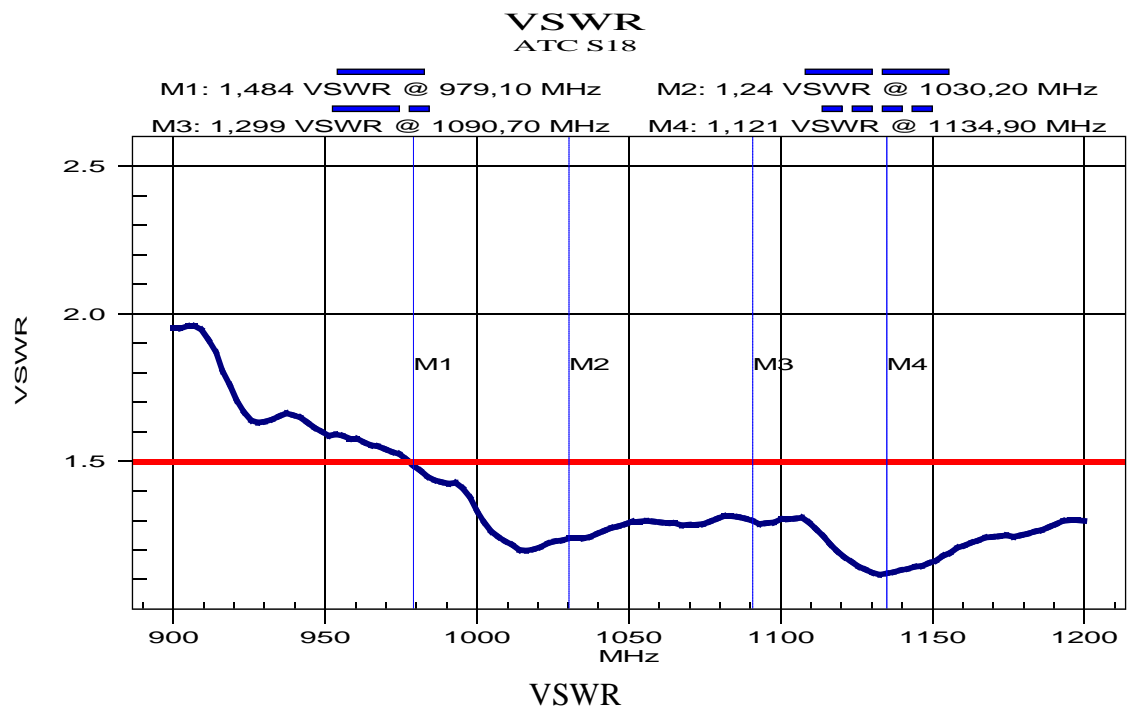


ATC S18

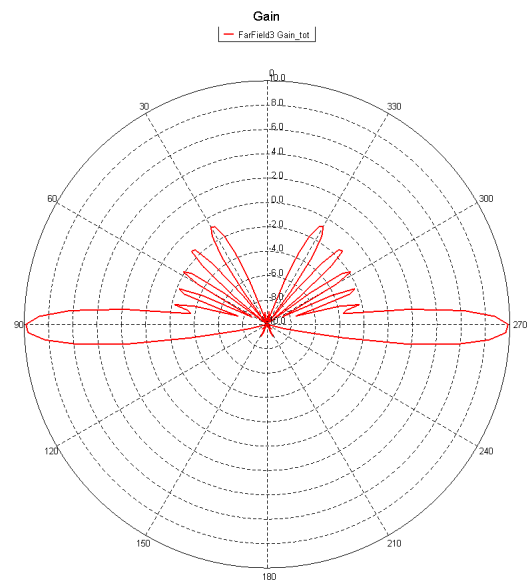


The antenna is designed for cooperate with ADS-B receivers operating in a band of 1000 – 1100 MHz. The antenna can be mounted on a typical diameter masts. Waterproof construction ensures long dependable service in all environments. The antenna is DC-grounded and requires additional lightning rod only in peak locations. It is recommended to be installed in urban areas with totally or partially unobscured horizon. Performed in two versions, 8.5 and 10 dBi.

| ELECTRICAL | |
|----------------------|--|
| Gain | 8.5 dBi – version 1 10 dBi – version 2 |
| Radiation pattern | omnidirectional |
| Impedance | 50 Ω |
| VSWR | ≤ 1.5 |
| Frequency range | 980 – 1200 MHz |
| Bandwidth | 220 MHz |
| Maximum power | 100 W |
| MECHANICAL | |
| Connector | N |
| Material | Aluminum , fiberglass cover |
| Polarization | vertical |
| Total weight | 1 kg |
| Lightning protection | DC-grounded |
| Total length | 1350 mm – version 1 1800 mm – version 2 |
| Packaging | Carton box |
| Warranty period | 2 years |
| Wind speed | 140 km/h |
| CLIMATIC CONDITIONS | |
| Temperature range | -40°C ÷ +70°C |
| Humidity | $\leq 100\%$ at +40°C |

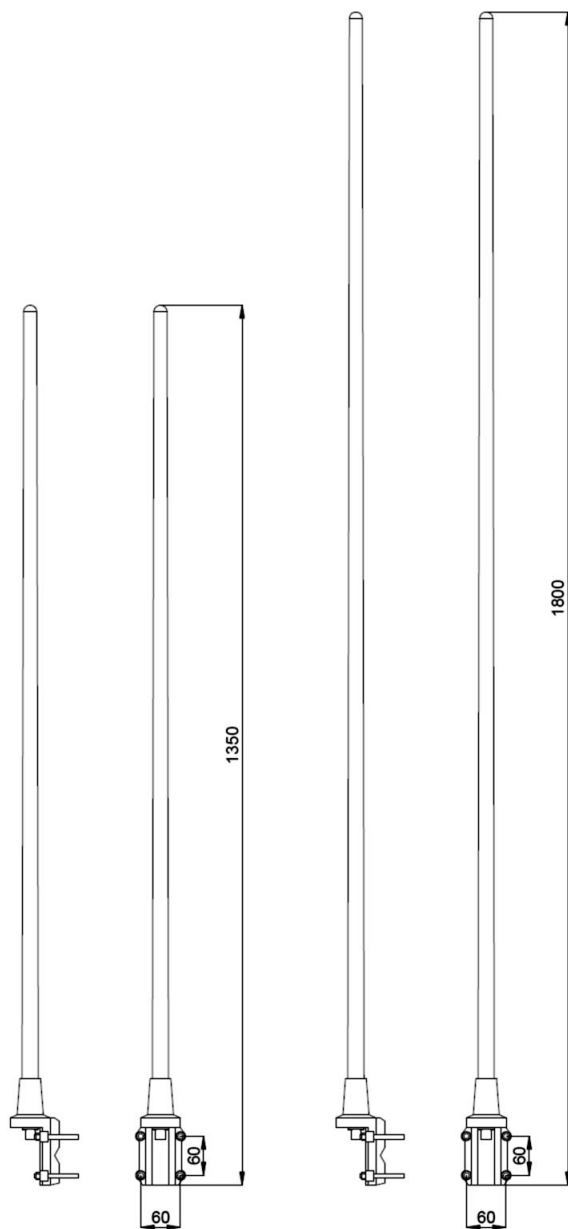


version 1



version 2

Vertical radiation pattern



Total dimensions



Net-Com
communication

P.U.P. Net-Com

41-902 Bytom, ul. Piekarska 102/7
tel./fax (32) 282-68-21, 0601-22-08-97
www.net-com.bytom.pl e-mail : biuro@net-com.bytom.pl

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