

# AgaBox LRP30 Enclosure

## INTEGRATED LTE OMNI ANTENNA + PLACE TO INSTALL ADDITIONAL COMPONENTS

AgaBox LRP30 enclosure houses 1\*LTE antenna for seamless cellular connectivity, while also allowing IP68 protection for additional components required for reliable security systems operations.



WORKS IN ANY WEATHER  
CONDITIONS, IP67



ADDITIONAL COMPONENTS  
COMPARTMENT



MADE IN **EUROPE**



## 5G/LTE SPECIFICATION

|                     |                                                                                                                                                                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FREQUENCY           | 0.6 - 1.4 GHz<br>1.5 - 3.0 GHz<br>3.0 - 5.0 GHz<br>5.0 - 6.35 GHz                                                                                                                                                                                                                                               |
| MAX. GAIN           | 0.6 - 1.4 GHz : 2.6 dBi<br>1.5 - 3.0 GHz : 4.2 dBi<br>3.0 - 5.0 GHz : 4.4 dBi<br>5.0 - 6.35 GHz : 2.1 dBi                                                                                                                                                                                                       |
| SUPPORTED LTE BANDS | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 54, 65, 66, 67, 68, 69, 70, 71, 85, 103, 106, 107, 111, 252, 253, 254, 255, 256                                                          |
| SUPPORTED 5G BANDS  | n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n24, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n54, n65, n66, n67, n68, n70, n71, n77, n78, n79, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n99, n100, n101, n105, n106, n250, n251, n252, n253, n254, n255, n256 |
| VSWR                | <2.00, max <3.00                                                                                                                                                                                                                                                                                                |
| BEAMWIDTH           | 360°/35° ±5°                                                                                                                                                                                                                                                                                                    |
| POLARIZATION        | Vertical                                                                                                                                                                                                                                                                                                        |
| IMPEDANCE           | 50 $\Omega$                                                                                                                                                                                                                                                                                                     |

## MECHANICAL SPECIFICATION

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| MATERIAL              | ASA, aluminum, PTFE, Fiberglass                       |
| INGRESS PROTECTION    | IP67                                                  |
| DIMENSIONS            | 290.0 x 480.0 x 210.0 mm<br>11.41 x 18.89 x 8.27 inch |
| WEIGHT                | 2.2 kg                                                |
| OPERATING TEMPERATURE | From -40°C to 75°C<br>From -40°F to 167°F             |

## MOUNTING KIT

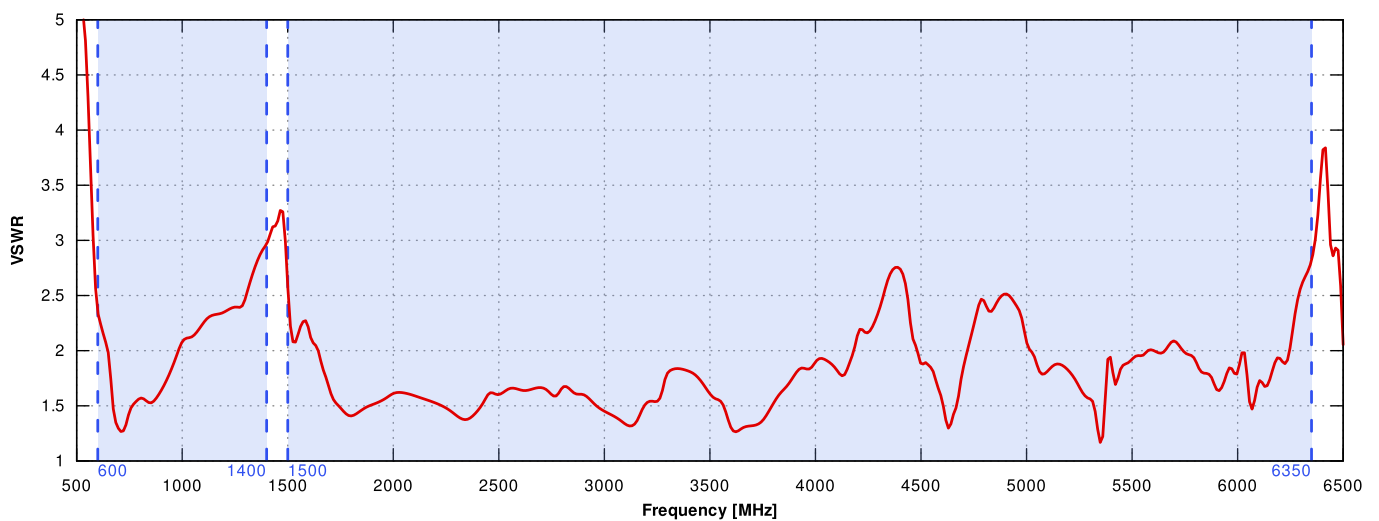
|                     |                                                      |
|---------------------|------------------------------------------------------|
| DIMENSIONS          | 9.9 x 10.5 x 14.8 cm<br>3.9 x 4.13 x 5.83 inch       |
| REGULATION RANGE    | +/- 30°                                              |
| MAST DIAMETER RANGE | 25 - 66mm<br>0.98-2.60 inch                          |
| MATERIAL            | Polyamide with fiberglass + galvanized steel U-Bolts |
| WEIGHT              | 0.87kg                                               |
| MOUNTING PLACE      | Wall or mast or ceiling                              |

## COMPATIBLE ROUTERS

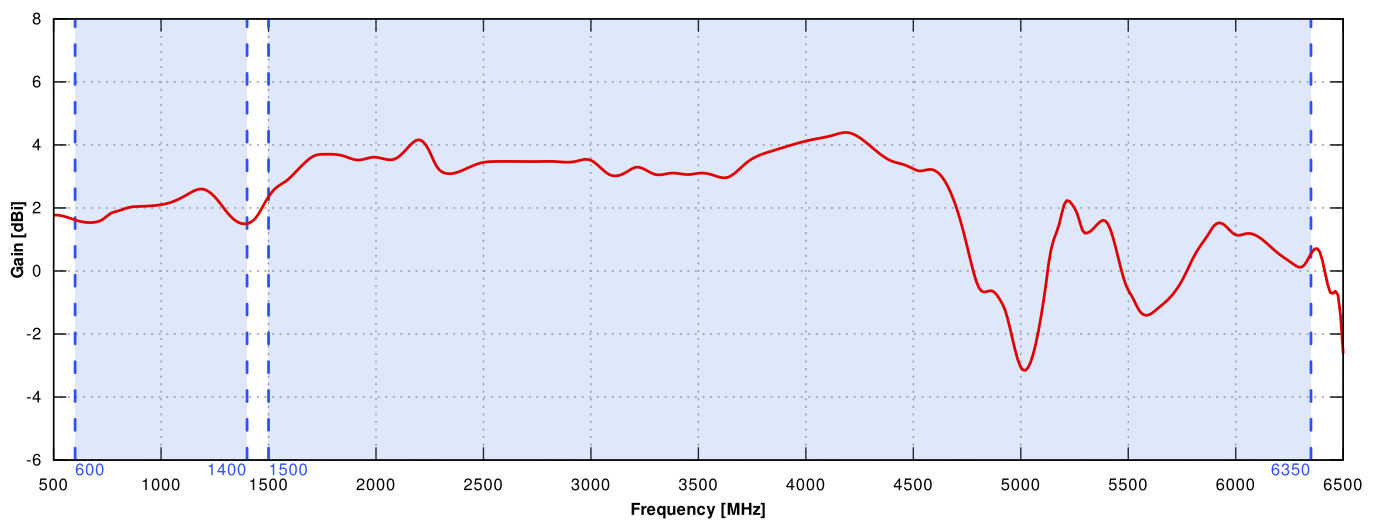
VARIANT: C\_ABLRP30

## PLOTS

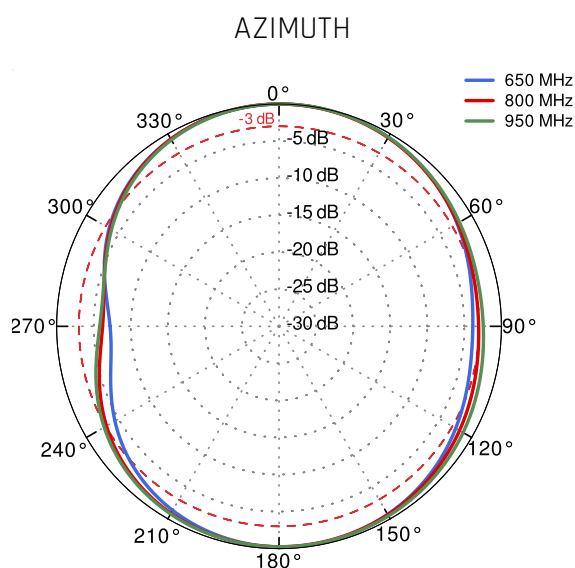
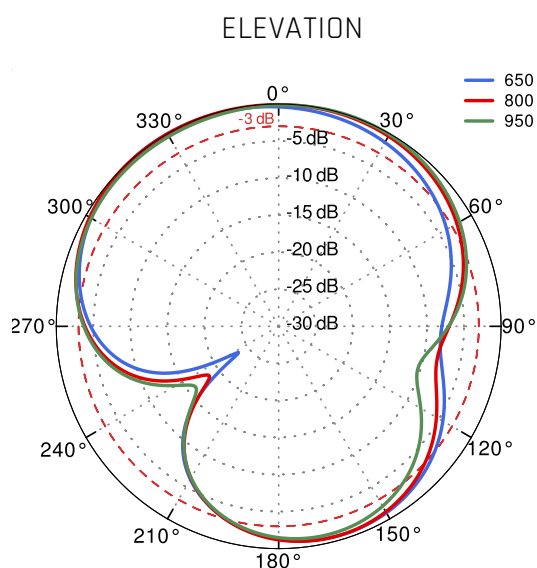
VSWR for 5G/LTE antenna



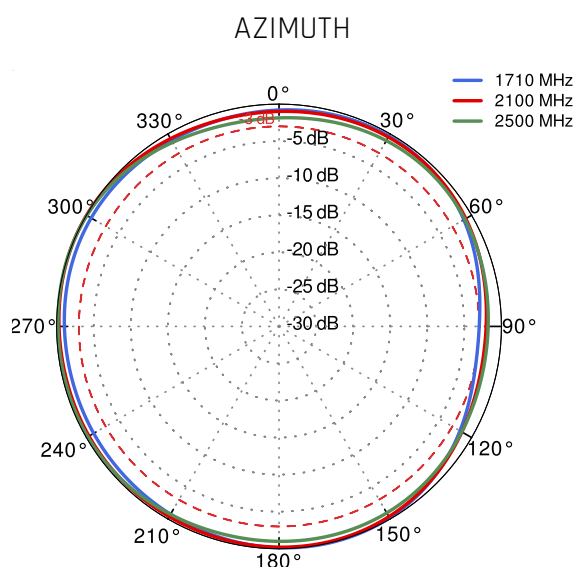
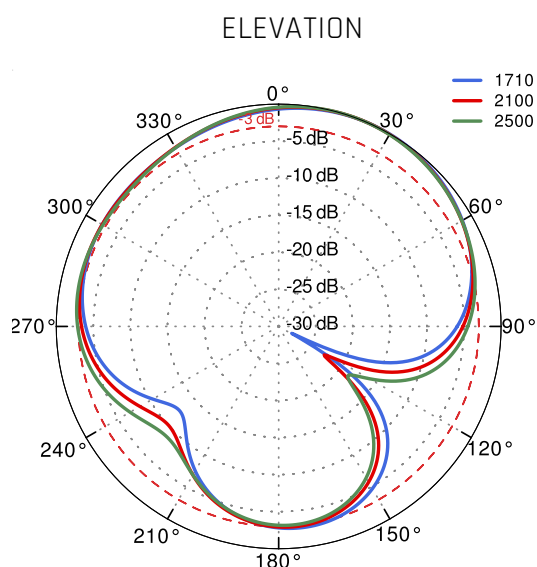
Gain for 5G/LTE antenna



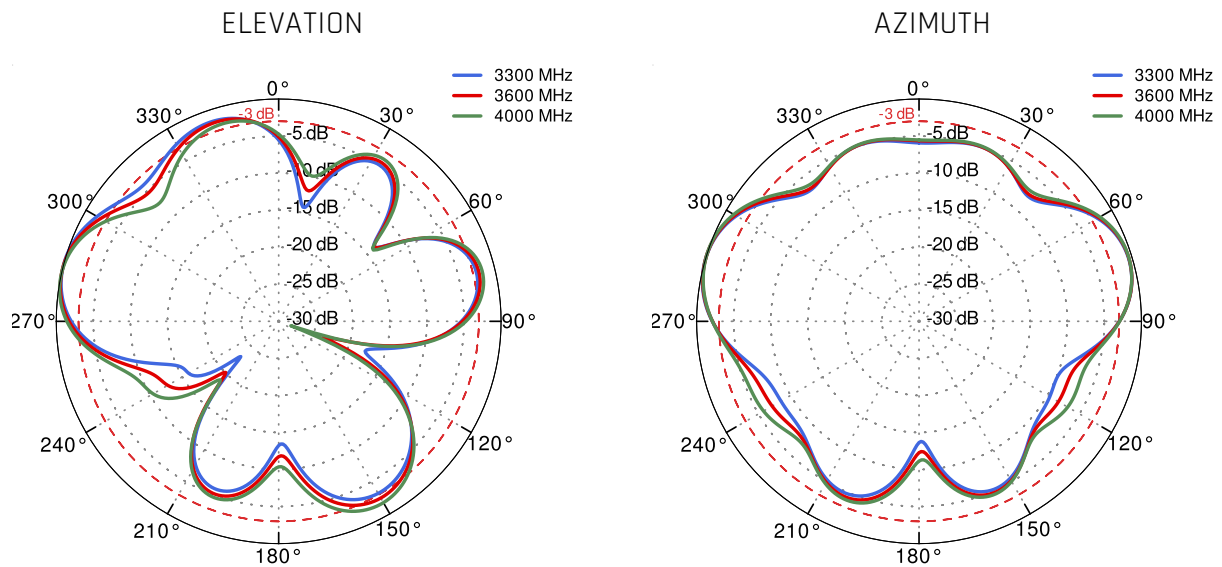
## 5G/LTE from 650MHz to 950MHz



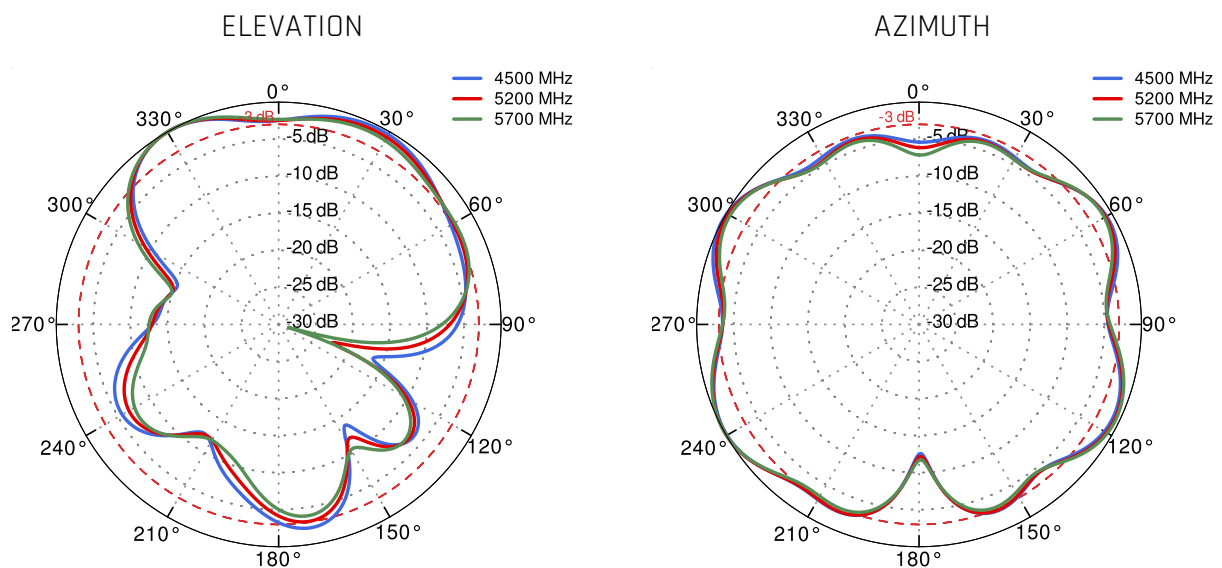
## 5G/LTE from 1.71GHz to 2.5GHz



## 5G/LTE from 3.3GHz to 4.0GHz



## 5G/LTE from 4.5 GHz to 5.5 GHz



## DIMENSIONS

