

# BLUESPOT.

## Bluespot 4G/5G wideband antenna

The Bluespot 4G/5G antenna is a robust, weatherproof outdoor 4G/5G antenna with excellent sensitivity over a wide frequency range. It features a completely maintenance-free design, intended for permanent CPE installations.



## Electrical Specifications

Frequency Range (MHz)	698-806	806-960	1710-2170	2200-2700	3400-4000
Gain(dBi)	4.9 ± 0.5	6.0 ± 0.5	7.1 ± 0.5	7.5 ± 0.5	8.4 ± 0.5
VSWR	≤ 2.0				
Polarization Type	Linear H / V for each Radiator				
Vertical Beamwidth	73°	71°	60°	60°	30°
Horizontal Beamwidth	80°	80°	64°	60°	55°
PIM (IM3)	≤ -106 dBm @ 2 x 33 dBm				
Max Power	50 W				
Input Impedance	50 Ω				

## Environmental Specifications

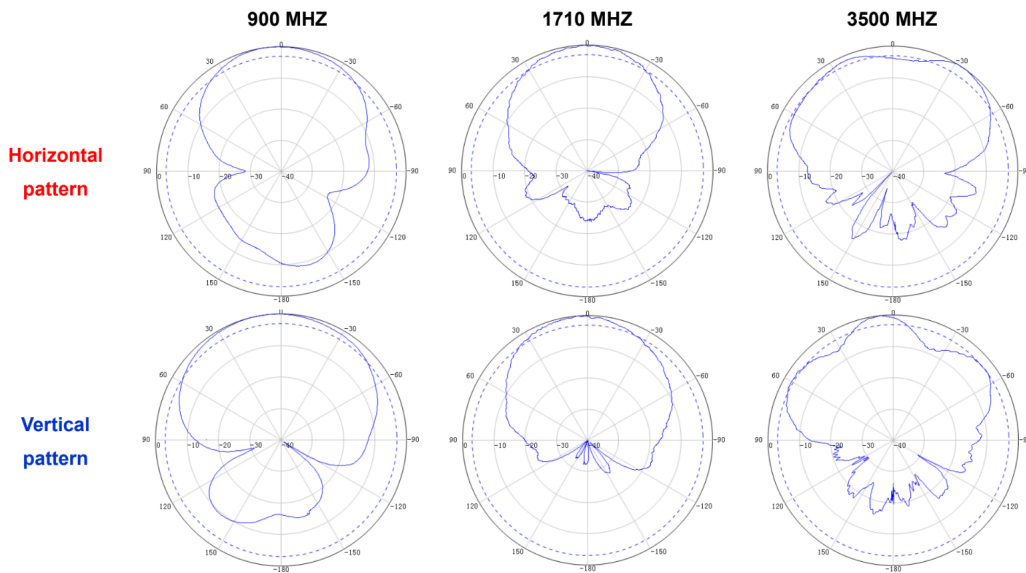
Operating Temperature	-40 °C to +55 °C
Relative Humidity	5 to 85%
Lightning Protection	Non-DC blocking recommended

## Mechanical Specifications

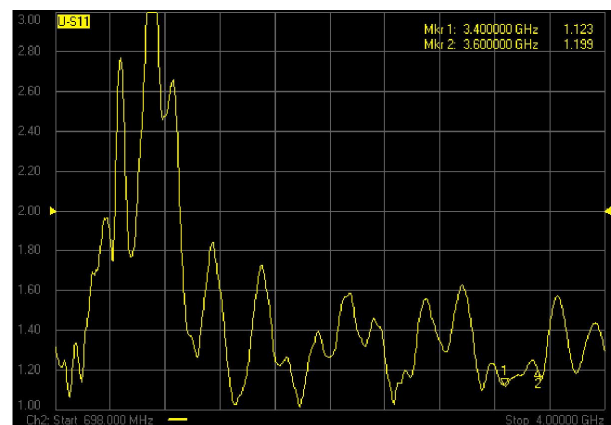
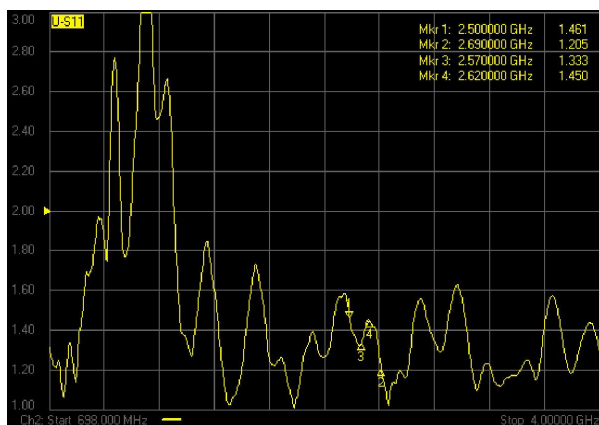
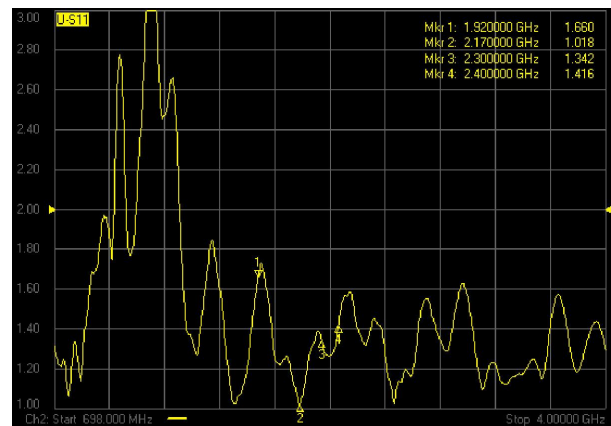
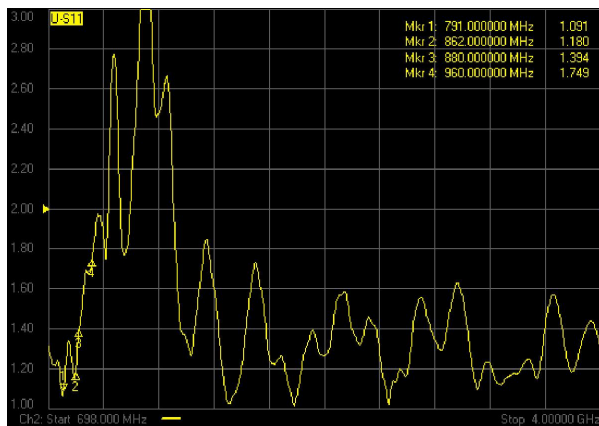
Connector Type	2x SMA male connectors, 5m LMR400 cable
Weight	0.85kg
Dimensions	30 x 19 x 7 cm
Radome Material	UV-protected ABS
Radome Color	White
Mounting Type	Wall mount kit (BLUESPOT-1-WM) or pole mount kit (BLUESPOT-1-PM)



# Radiation Pattern



# SWR measurements



# BLINKENLIGHT

BLINKENLIGHT Ltd, Lytchett House, 13 Freeland Park, Wareham Road, Poole, Dorset, BH16 6FA

## European declaration of conformity

Description	GTIN/EAN
Bluespot Mini: a compact, highly-sensitive 5G MIMO broadband internet antenna, pole mount	05060889070131
Bluespot Mini: a compact, highly-sensitive 5G MIMO broadband internet antenna, wall mount	05060889070261
Bluespot: 4G antenna for broadband internet, LTE, MIMO, SMA and TS9 connectors, pole mount	05060889070148
Bluespot: 4G antenna for broadband internet, LTE, MIMO, SMA and TS9 connectors, wall mount	05060889070179

For each part listed above, this document declares conformity with the essential requirements and other relevant requirements of the following directives:

- Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU
- Waste Electrical and Electronic Equipment (WEEE) Directive 2012/19/EU

Based on the information supplied to us, our suppliers do not use the hazardous substances described in directive 2011/65/EU in the manufacture of components and in the materials supplied to us. Nevertheless, we do not systematically analyse the materials and components supplied to us, but instead require our suppliers to certify that they meet the directives above.

BLINKENLIGHT Ltd's sole liability for incorrectly certifying a product shall be either replacement of the product or, alternatively and in the sole discretion of BLINKENLIGHT Ltd, return of the purchase price paid for the relevant product.

Issued at Lytchett House, 13 Freeland Park, Wareham Road, Poole, Dorset, BH16 6FA on the 28th January 2021. Signed on behalf of BLINKENLIGHT Ltd.

Patrick Coleman  
Director  
BLINKENLIGHT Ltd