

# StationBox® XL

## CARRIER CLASS

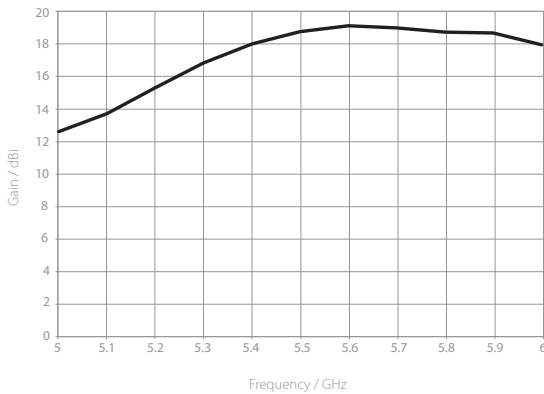
OUTDOOR ALUMINIUM ENCLOSURE WITH INTEGRATED DUAL POLARIZATION ANTENNA, IP65 AND 3-AXIS MOUNTING SYSTEM.

StationBox® XL CARRIER CLASS is aluminium outdoor CPE antenna enclosure designed to meet highest requirements on performance, durability and environmental resistance. With built-in high gain dual polarization antenna, NanoBracket® 3-Axis adjustable mount and IP65 environment resistance rating, it is the most advanced integrated CPE solution on the market.

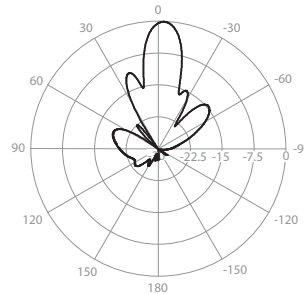


### 5 GHz 19 dBi

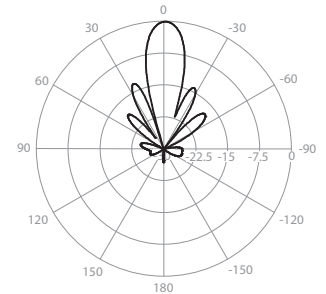
#### Gain H



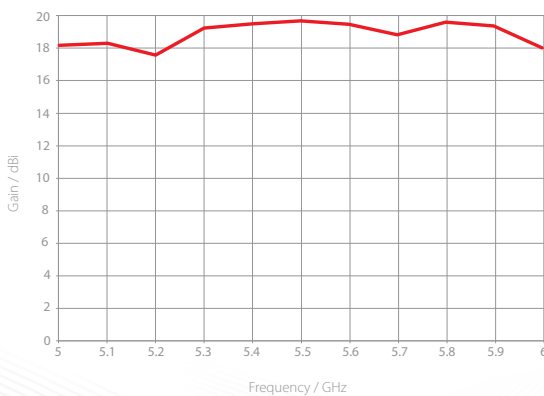
#### Azimuth Pattern H



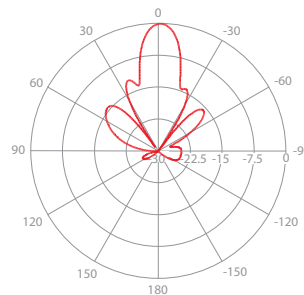
#### Elevation Pattern H



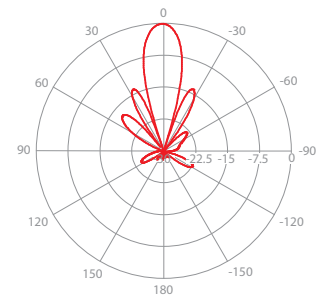
#### Gain V



#### Azimuth Pattern V

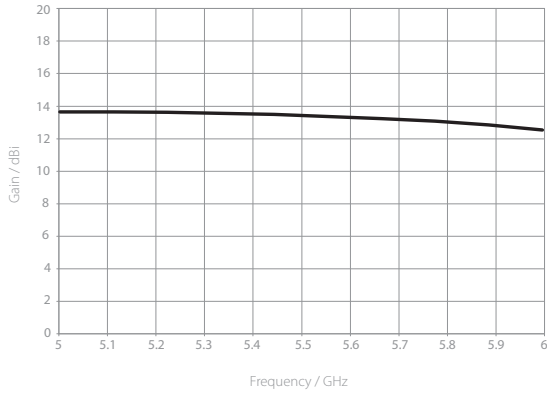


#### Elevation Pattern V

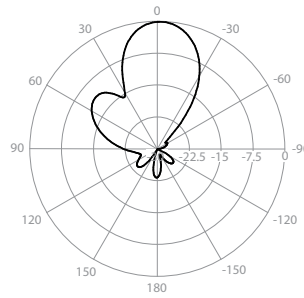


## 2.4 GHz 14 dBi

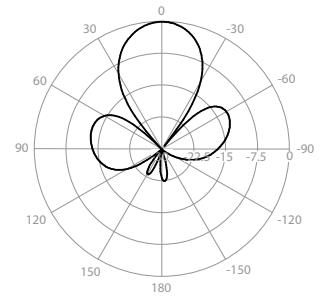
### Gain H



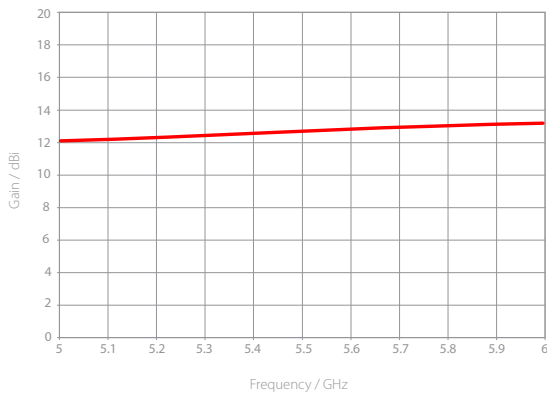
Azimuth Pattern H



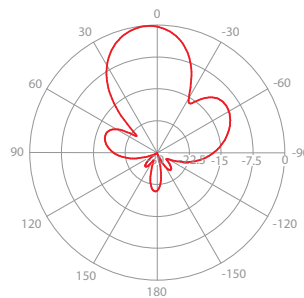
Elevation Pattern H



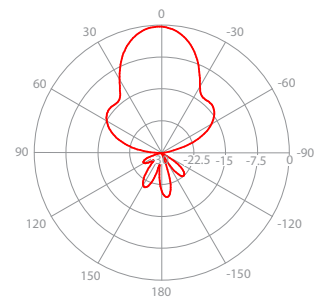
### Gain V



Azimuth Pattern V



Elevation Pattern V



### PERFORMANCE

Antenna Type	5 GHz 19 dBi	2.4 GHz 14 dBi
Frequency Range	5450 - 5850 MHz	2400 - 2485 MHz
Gain Max	H 19.1 dBi / V 19.6 dBi	H 13.7 dBi / V 13.1 dBi
Gain Typical	H 18.8 dBi / V 19.1 dBi	H 13.3 dBi / V 12.6 dBi
Polarization	Dual Linear H + V	Dual Linear H + V
Azimuth Beam Width -3 dB	H 15° / V 15°	H 31° / V 34°
Elevation Beam Width -3 dB	H 16° / V 15°	H 34° / V 32°
Azimuth Beam Width -6 dB	H 21° / V 21°	H 43° / V 48°
Elevation Beam Width -6 dB	H 21° / V 21°	H 47° / V 45°
Front-to-Back Ratio (Min)	27 dB	22 dB
Cross Pol Isolation	H 30 dB / V 31 dB	H 28 dB / V 23 dB
Impedance	50 Ohm	50 Ohm
VSWR Max	1,7	1,8
VSWR Typical	1,35	1,5
Isolation Between Ports	35 dB	22 dB

**PHYSICAL**

Antenna Connection	2x MMCX with integrated semi-flex pigtails
Environmental	IP65
Temperature	-25°C to +60°C (-13°F to +140°F)
Wind Survival	160 km/hour
Weight	1.85 Kg / 4.0 lbs – single piece incl. package 18.5 Kg / 40.7 lbs – carton (10 pcs)
Single Piece	Retail Box: 27 × 36 × 8.5 cm
10 Units	Carton Box: 29 × 39 × 91 cm

**COMPATIBLE WIRELESS PLATFORMS**

RouterBoard™ 9 series	MikroTik™ RB911G-2HPnD*, RB912UAG-2HPnD*, RB911G-5HPnD*, RB912UAG-5HPnD*
RouterBoard™ 7 series	RB711-2Hn, RB711-5Hn, RB711-5Hn-M, RB711-5Hn-U, RB711-2HnD, RB711-5HnD, RB711G-5HnD, RB711UA-2HnD, RB711UA-5HnD, RB711GA-5HnD

StationBox® XL is made for MikroTik™ RouterBoards RB911, RB711.

**PRODUCT DIMENSIONS**

