

# StationBox® XL

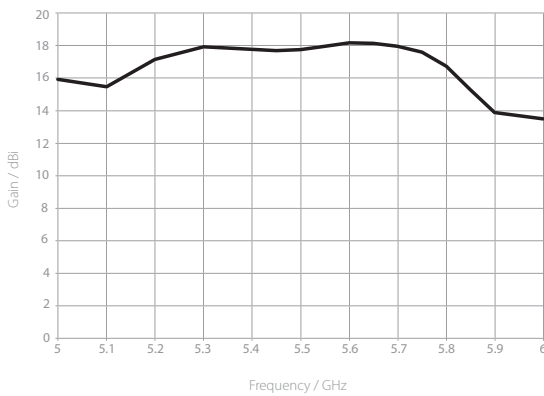
CPE WITH HIGH GAIN DUAL POLARIZATION ANTENNA

StationBox® XL is outdoor enclosure with built-in high gain dual polarization antenna. It is designed for easy integration with variety of MikroTik™ RouterBoards and deployment as mid range CPE or short distance PtP connection. Enclosure can host RB433 with 3 radio cards to feed other external antennas.

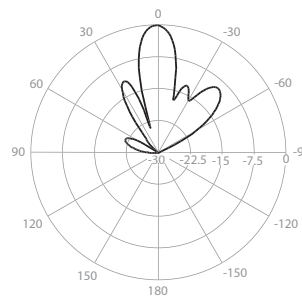


## 5 GHz 18 dBi

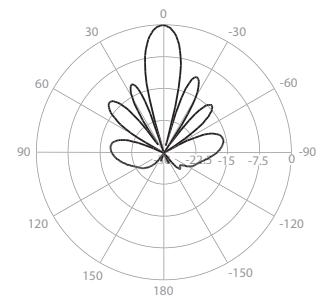
Gain H



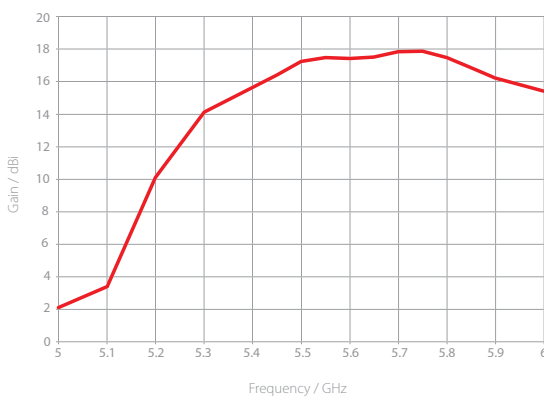
Azimuth Pattern H



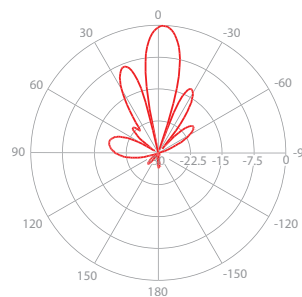
Elevation Pattern H



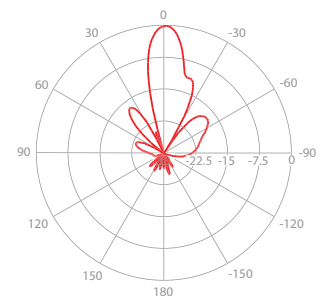
Gain V



Azimuth Pattern V

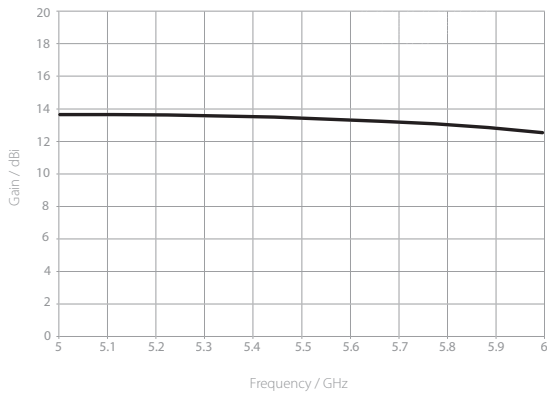


Elevation Pattern V

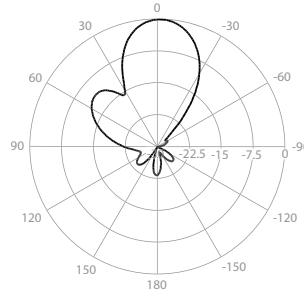


## 2.4 GHz 14 dBi

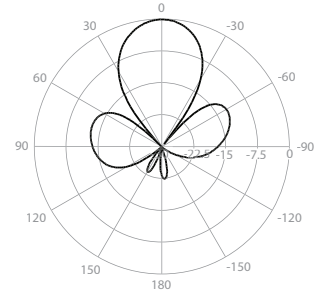
### Gain H



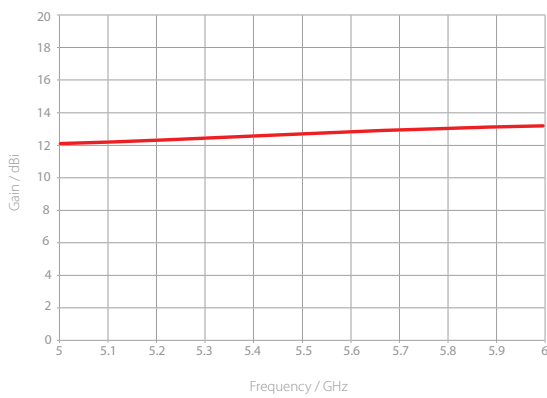
Azimuth Pattern H



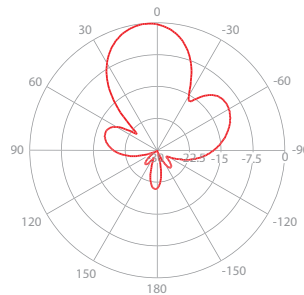
Elevation Pattern H



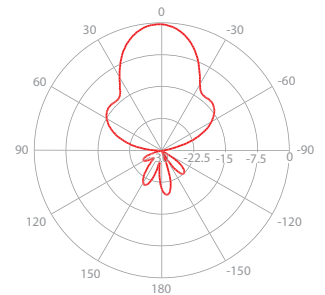
### Gain V



Azimuth Pattern V



Elevation Pattern V



### PERFORMANCE

Antenna Type	5 GHz 18 dBi	2.4 GHz 14 dBi
Frequency Range	5450 - 5850 MHz	2400 - 2485 MHz
Gain Max	H 18.3 dBi / V 18.1 dBi	H 13.7 dBi / V 13.1 dBi
Gain Typical	H 18 dBi / V 17.8 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 14°	H 31° / V 34°
Elevation Beam Width -3 dB	H 15° / V 14°	H 34° / V 32°
Azimuth Beam Width -6 dB	H 21° / V 20°	H 43° / V 48°
Elevation Beam Width -6 dB	H 20° / V 20°	H 47° / V 45°
Front-to-Back Ratio (Min)	29 dB	22 dB
Cross Pol Isolation	H 28 dB / V 28 dB	H 28 dB / V 23 dB
Impedance	50 Ohm	50 Ohm
VSWR Max	1,8	1,8
VSWR Typical	1,4	1,5
Isolation Between Ports	30 dB	22 dB

**PHYSICAL**

Antenna Connection	2x MMCX with integrated semi-flex pigtails
Environmental	IP65
Temperature	-30°C to +60°C (-22°F to +140°F)
Wind Survival	120 km/hour
Weight	1.6 Kg / 3.5 lbs – single piece incl. package 17.3 Kg / 38 lbs – carton (10 pcs)
Single Piece	Retail Box: 34 × 27 × 10 cm
10 Units	Carton Box: 36 × 28 × 100 cm

**COMPATIBLE WIRELESS PLATFORMS**

RouterBoard™ 9 series	RouterBoard™ RB912, RB911, RB711, RB433, RB411
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**PRODUCT DIMENSIONS**

