

Certification Exhibit

FCC ID: VEYCN1300W1

FCC Rule Part: 15.247

ACS Project: 14-2102

Manufacturer: xG Technology, Inc.
Model: CN1300W1

Antenna



PRO-SECTOR24015dual H&V_BOX

Key Features:

- 2x15 dBi Sectoral Gain
- Dual Polarization H&V in One Case
- Integrated enclosure
- Special Outdoor Weatherproof Enclosure Dedicated for Mikrotik RouterBOARDS
- Mounting for Ubiquiti Rocket
- High Quality Construction
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



Applications:

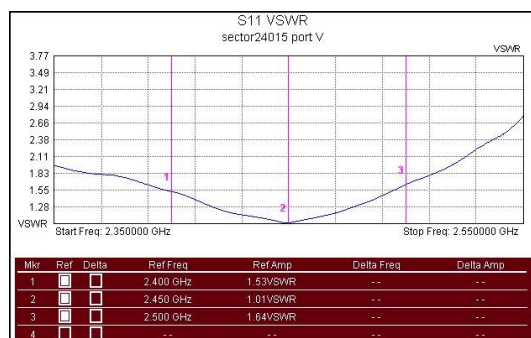
- 2,4 GHz Band Wireless LAN
- N streme dual configuration
- 802.11b/g/n MIMO standard
- Point to Multipoint Applications

Description:

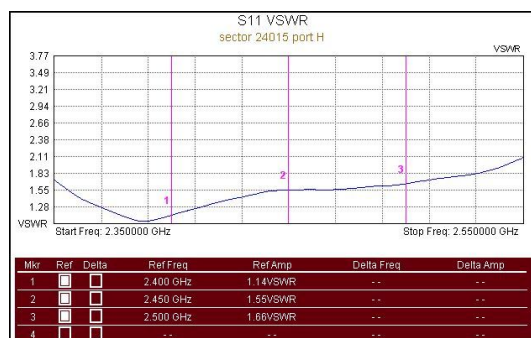
Antenna with multipurpose enclosure working in 2,4 GHz band with two independent sector antennas with 15 dBi gain with vertical and horizontal polarization. It is the ideal solution for MIMO and Nstreame dual configuration. The range includes weatherproof outdoor enclosure with panel antenna and enough compartment for RouterBoard or any other electronic equipment. Enclosure is furnished with special RJ-45 waterproof ethernet connector with an easy connection to Internet Network and PoE. Perfectly designed for operation under severe weather conditions. Proper materials allow operation in the salty water environment without corrosion. Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt down as well as rock-stable operation. This product is well suited to point to multipoint applications for highly professional solutions. Inside the enclosure are suitable posts for **Mikrotik RouterBOARDS 411 and 433 series**.

Electrical Properties	
Frequency	2.4 - 2.5 GHz
Gain	2x15dBi
Polarization	dual H&V
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	12°
VSWR	<2
Impedance	50 ohm
Front to back ratio	> 35 dB
Port Isolation	> 45 dB
Lightning protection:	DC ground
Enclosure Properties	
Technology:	Microstrip
Material:	UV protected
Colour:	Grey
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F
Mechanical Properties	
Compatible with:	RB411, RB433 and Ubiquiti Rocket
Input Connector	2x pigtail UFL, MMCX or RPSMA
Enclosure Connector	Waterproof Ethernet Connector RJ45
Outside Dimensions	580x150x60mm / 22.8x5.9x2.4"
Weight	2.1kg / 4.7lbs

Specification subject to change without notice.



Measurement Parameters			
Calibration Status	On, FlexCal	Model	MS2026A
Data Points	551	Options	
Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	1/18/2014 8:10:28 AM
Operator Name		Device Name	
Tower			



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Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	1/18/2014 8:15:56 AM
Operator Name		Device Name	
Tower			

