CERIO Outdoor AP
3KM Throughput Test Report

Model No.

OW-215N2-X

Sales-Mail : issales@cerio.com.tw
Support : support@cerio.com.tw

1. Test Product model.

OW-215N2-X

2. Introduction

The purpose of conducting this test was to determine the average throughput and signal stability of Cerio's OW-215N2-X Outdoor Access Point at a distance of 3km. The test specifically measured point-to-point WDS connections set through Cerio's CenOS 3.0 Software Bundle. The test was conducted between two units of OW-215N2-X operating under 802.11an standards.

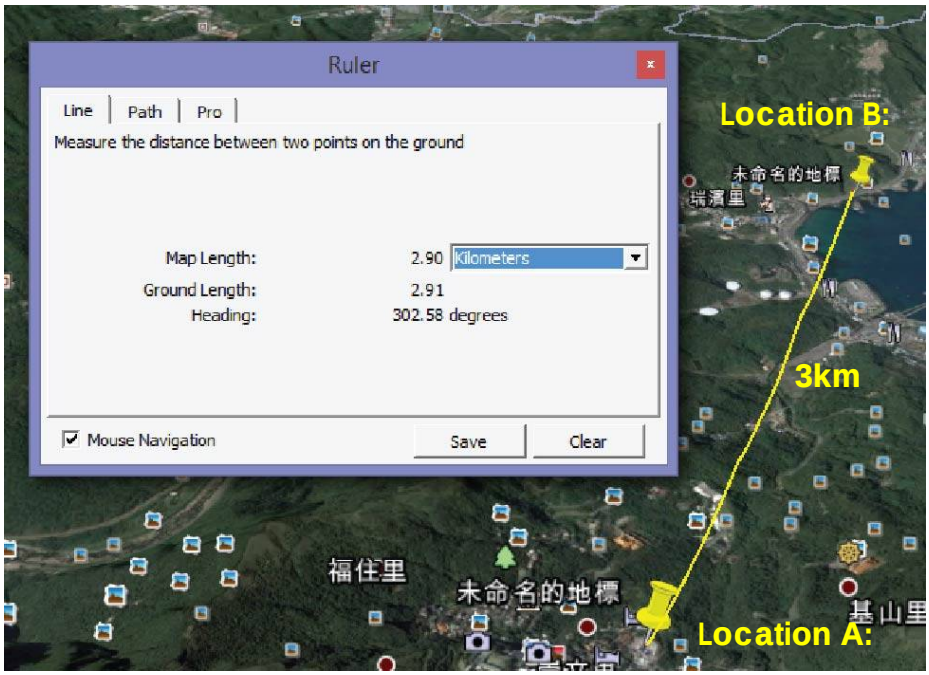
3. Test Date and Personnel

Date	2015 / 06 / 19			
Test Personnel				

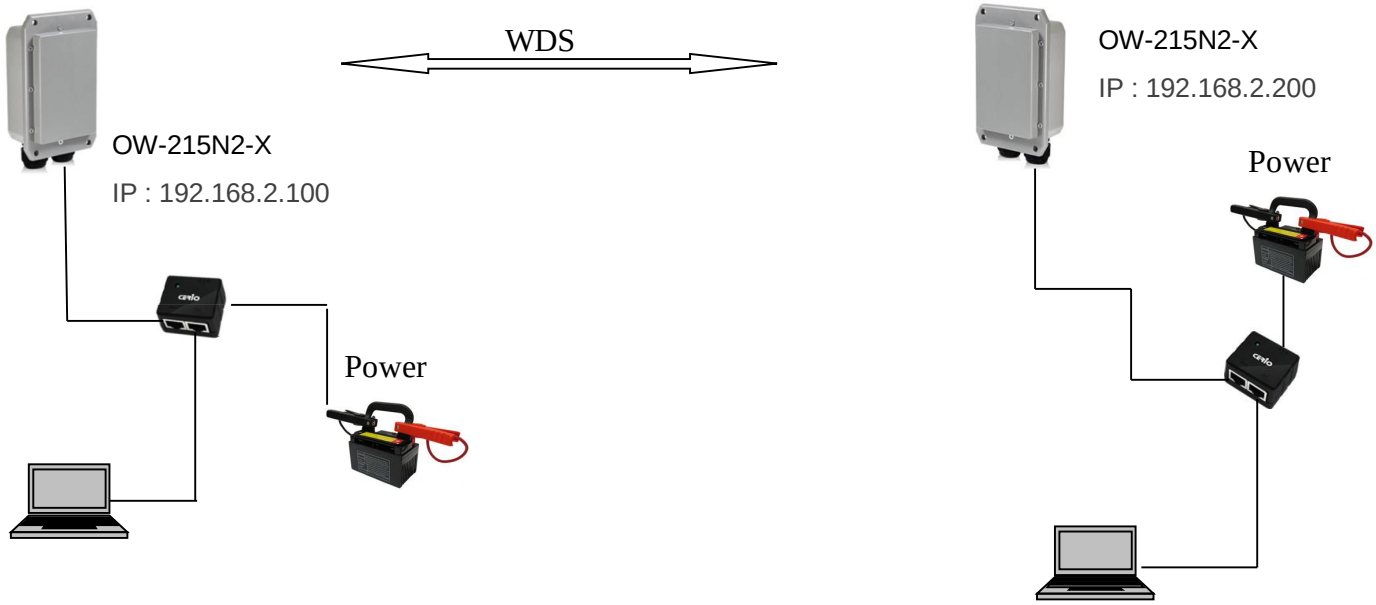
4. Test Environment

Location A: Jiufen Taiyang Parking Lot
Location B: Shen'ao Bay roadside

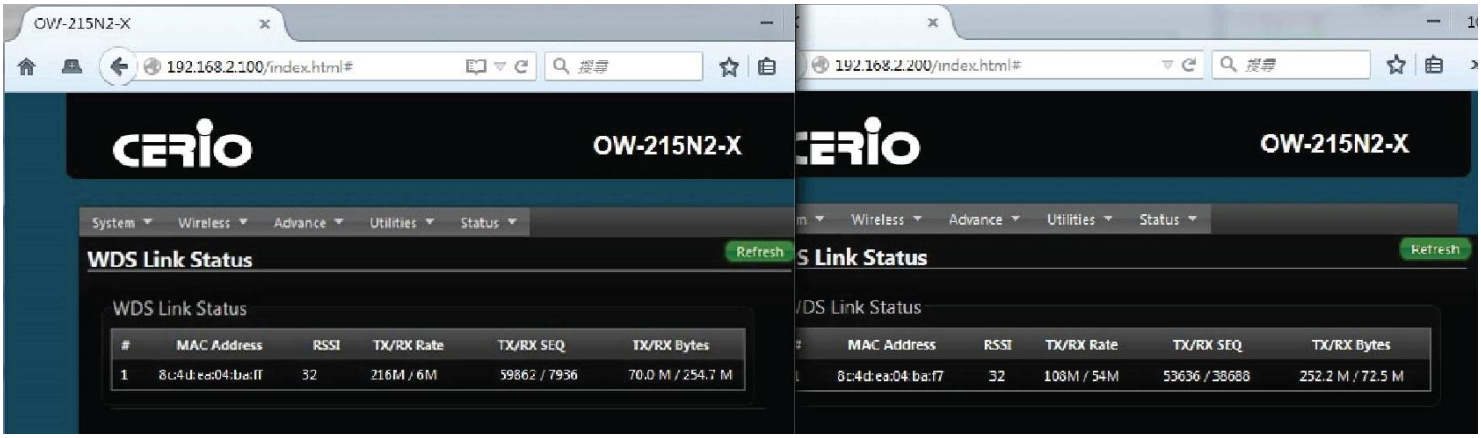
The distance from Location A to Location B is roughly 2.9km, determined by Google Earth. However, due to substantial differences in elevation, we estimate the distance to be approximately 3km.



5. System Network Configuration



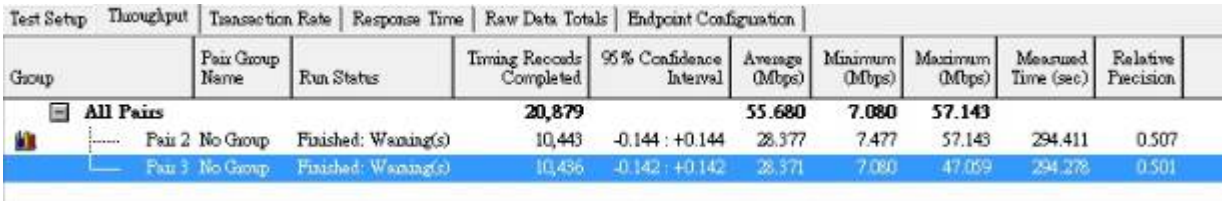
6. OW-215N2-X UI Screen

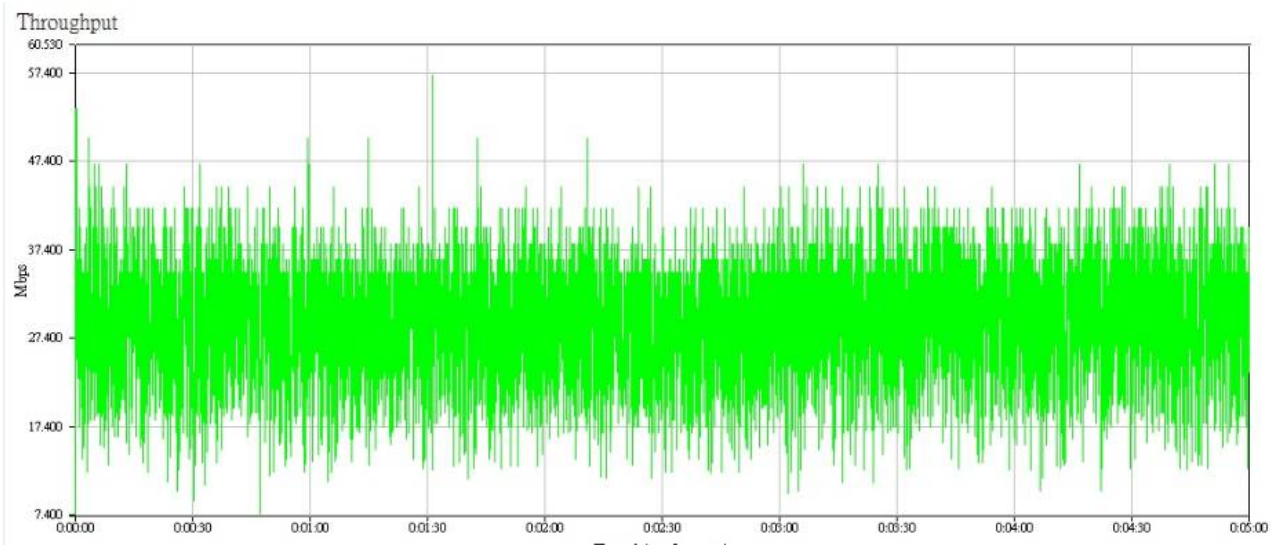


7. Throughput test

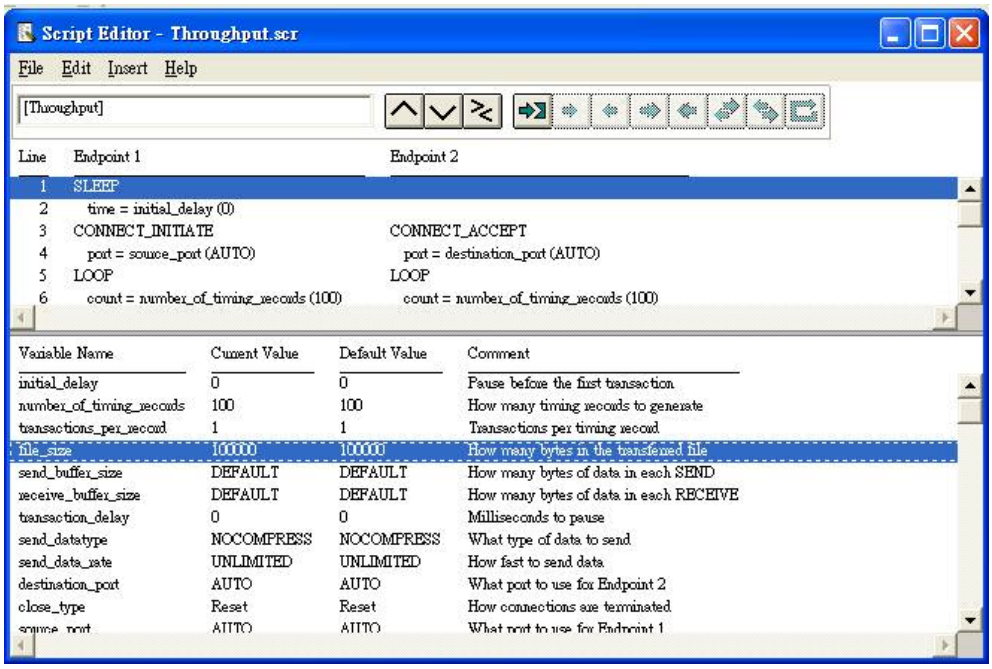
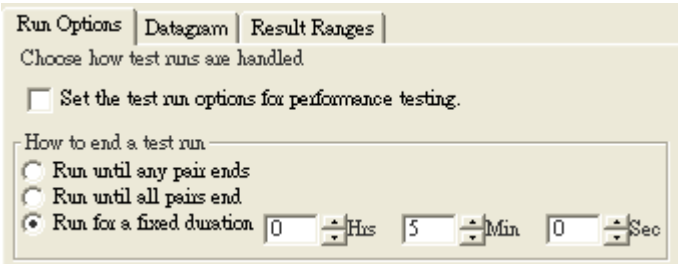
OW-215N2-X

	Average(Mbps)	Minimum (Mbps)	Maximum(Mbps)
Throughput	55.68	7.0	57.143





8. TEST Tools

TEST Equipment		
Notebook	HP Pavilion dv4 x2	
Power	350W x 2	
Tripod	3	
Antenna	2x2 Built-in 15dBi Dual-Polarization Directional Antennas	
Test products	**OW-215N2-X** 500mW	
TEST Software		
Chariot Version 6.7		
Run		

9. On-site status:

Location A:

Location B:

Sales-Mail : issales@cerio.com.tw
Support : support@cerio.com.tw

9 Conclusion

After conducting our 3km point-to-point throughput test of Cerio's OW-215N2-X, we conclude that our signal strength and stability has consistently reached optimum levels. This test demonstrates confidence in our team's ability to provide quality performance and design, which ultimately insures consumer satisfaction.

Sales-Mail : issales@cerio.com.tw
Support : support@cerio.com.tw