

WiBONE® 2.4 Km LOS Test Report

Location 1: Chou-Na Coastline, Taiwan/ Height of Antenna, 3 meters

Date: Jul.' 19' 2010'

No.: BA201007HC004

Location 2: Sun-Hai Harbor, Taiwan/ Height of Antenna, 3 meters

Distance: 5.4 Km

Test Device: APE-5005MM14 x2

Build-in 5GHz 2x2 16 dBi Antenna

External 5GHz 2x2 20 dBi Antenna

Date: Jul.' 16' 2010' 2PM

Weather: Sunny

Light of Sight



Channel Bandwidth: 20 / 40MHz

Channel: Channel 149

Throughput:

Operation mode	Antenna	Bandwidth	AP→CPE (Mbps)	CPE→AP (Mbps)	AP↔CPE (Mbps)
AP-CPE	Embedded 16dBi	20MHz	75.94	67.63	72.74
		40MHz	88.68	80.77	88.49
	External 20dBi	20MHz	75.91	74.09	77.33
		40MHz	91.04	91.93	108.12
Bridge	Embedded 16dBi	20MHz	75.66	64.03	70.88
		40MHz	84.20	83.13	86.57
	External 20dBi	20MHz	No test	No test	No test
		40MHz	93.60	82.414	108.60