



CASE STUDY

TRIDENT-2.4GHZ ANTENNA

HOME WIRELESS TEST

MODEL NO:

08-ANT-0874

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The Trident antenna improves signal strength, range, and patterning providing more consistent RF coverage in all situations. The test below is an example of how installing a Trident antenna on a wireless router can increase signal strength on average nearly 10%, and more importantly provide consistent coverage in areas where connectivity was not available.

Test Machine: Apple MacBook 2.4Ghz Intel Core 2 Duo w/ 4GB DDR3 RAM, OSX 10.6.6
Network card: AirPort Extreme 802.11 a/g/b/n - Broadcom BCM43xx (5.10.131.36.1)
Network AP: Buffalo WHR-HP-G54, running DD-WRT firmware, running WPA

	1-Office		1-Kitchen		1-Living		2-Spare		2-Master		2-Den	
	Signal	Noise	Signal	Noise	Signal	Noise	Signal	Noise	Signal	Noise	Signal	Noise
Buffalo native	45%	12%	39%	14%	65%	14%	45%	15%	48%	16%	42%	20%
Trident	52%	14%	50%	16%	70%	16%	57%	18%	51%	11%	47%	15%
	7%	2%	11%	2%	5%	2%	12%	3%	3%	-5%	5%	-5%

Average Signal Strength Increase 7%

Average Noise Increase 0%

