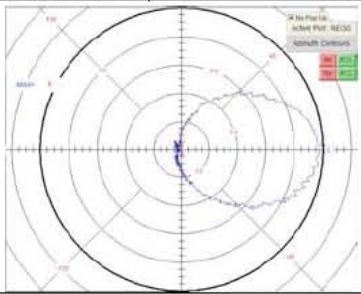
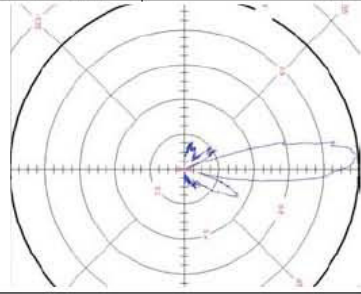








SYSTEM INFORMATION			
Processor Specs		Atheros AR2313 SOC, MIPS 4KC, 180MHz	
Memory Information		16MB SDRAM, 4MB Flash	
Networking Interface		10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface	
REGULATORY / COMPLIANCE INFORMATION			
Wireless Modular Approvals		FCC Part 15.247, IC RS210, CE	
RoHS Compliance		YES	
RADIO OPERATING FREQUENCY 5.475-5.825GHz			
TX SPECIFICATIONS		RX SPECIFICATIONS	
802.11a OFDM	DataRate	Avg. Power	Tolerance
	6Mbps	24 dBm	+/-1.5dB
	9Mbps	24 dBm	+/-1.5dB
	12Mbps	24 dBm	+/-1.5dB
	18Mbps	24 dBm	+/-1.5dB
	24Mbps	24 dBm	+/-1.5dB
	36Mbps	22 dBm	+/-1.5dB
	48Mbps	21 dBm	+/-1.5dB
54Mbps	19 dBm	+/-1.5dB	
802.11a OFDM	DataRate	Sensitivity	Tolerance
	6Mbps	-94 dBm	+/-1.5dB
	9Mbps	-93 dBm	+/-1.5dB
	12Mbps	-91 dBm	+/-1.5dB
	18Mbps	-90 dBm	+/-1.5dB
	24Mbps	-86 dBm	+/-1.5dB
	36Mbps	-83 dBm	+/-1.5dB
	48Mbps	-77 dBm	+/-1.5dB
54Mbps	-74 dBm	+/-1.5dB	
ADJUSTABLE CHANNEL SIZE SUPPORT			
5MHZ	10MHZ	20MHZ	40MHZ
RANGE PERFORMANCE			
Outdoor (BaseStation Antenna Dependent):		Over 10km	
INTEGRATED ADAPTIVE ANTENNA POLARITY + EXTERNAL ANTENNA SUPPORT (4 OPTIONS TOTAL)			
Gain	14dBi	External Connector	RP-SMA
Polarization	Multi-Polarized	VSWR	1.4:1
Polarization Selection	Software Controlled	Front to Back Ratio	30dB+
3dB Beamwidth Azimuth	55 degrees	3dB Beamwidth Elevation	18 degrees
Azimuth		Elevation	
PHYSICAL / ELECTRICAL / ENVIRONMENTAL			
Enclosure Size	26.4 cm x 8 cm x 3cm		
Weight	0.4kg		
Enclosure Characteristics	Outdoor UV Stabilized Plastic		
Mounting Kit	Pole Mounting Kit included		
Max Power Consumption	5 Watts		
Power Supply	12V, 1A (12 Watts). Supply and injector included		
Power Method	Passive Power over Ethernet (pairs 4,5+; 7,8 return)		
Operating Temperature	-20C to +70C		
Operating Humidity	5 to 95% Condensing		
Shock and Vibration	ETSI300-019-1.4		

Package Contents

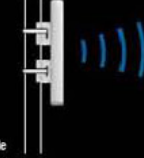

NanoStation
1 (Qty.)



Plastic Straps
2 (Qty.)



PoE Injector
1 (Qty.)



AC Adapter
1 (Qty.)

Mounting Options

1. Pole Mount (Standard)



2. Wall Mount (optional)


3. Window Mount (optional)




External Status LEDs

Multiple Mounting Options



Integrated 14dBi dual polarity antenna

Reset

External Antenna RP-SMA Connector (optional)

Waterproof Sliding Door

Ethernet Connection

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CPU	Atheros 180MHz MIPS
RAM	16MB RAM
Flash	4MB FLASH
Wireless	5GHz, 802.11a
Channel width	5/10/20/40MHz
Antenna Gain	14dBi x2
Polarity	Adaptive Vertical/Horizontal
Ext. Ant. Option	Yes, RP-SMA Connector
Range	10km+ (100km using ext ant.)
Throughput	25Mbps+ TCP/IP
Mounting	Pole Mount (straps included)
Accessories	Ubiquiti Window/Wall Mount (sold separately)
Size	26.4cm x 8cm x 3cm
Weight	0.4 kg
Power Supply	12V, 1A POE (included)
Approvals	FCC 15.247, IC, CE