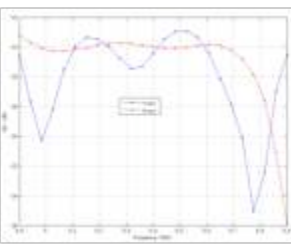
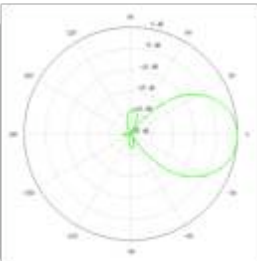
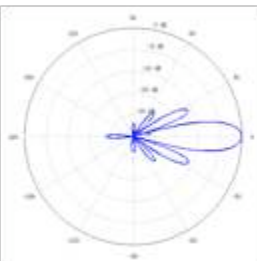
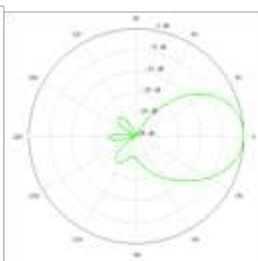
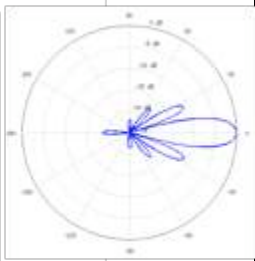


NanoStation M5: 5GHz Hi Power 2x2 MIMO AirMax TDMA Station

The Most Powerful NanoStation Ever.



Processor Specs		SYSTEM INFORMATION		Atheros MIPS 24KC, 400MHz					
Memory Information				32MB SDRAM, 8MB Flash					
Networking Interface				2 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface					
REGULATORY / COMPLIANCE INFORMATION									
Wireless Approvals				FCC Part 15.247, IC RS210, CE					
RoHS Compliance				YES					
OPERATING FREQUENCY 5470MHz-5825MHz									
5GHz TX POWER SPECIFICATIONS				5GHz RX SPECIFICATIONS					
11a	DataRate	Avg. TX	Tolerance	11a	DataRate	Sensitivity	Tolerance		
	6-24Mbps	27 dBm	+/-2dB		6-24Mbps	-94 dBm min.	+/-2dB		
	36Mbps	25 dBm	+/-2dB		36Mbps	-80 dBm	+/-2dB		
	48Mbps	23 dBm	+/-2dB		48Mbps	-77 dBm	+/-2dB		
	54Mbps	22 dBm	+/-2dB		54Mbps	-75 dBm	+/-2dB		
5GHz 11n	MCS0	27 dBm	+/-2dB	5GHz 11n	MCS0	-96 dBm	+/-2dB		
	MCS1	27 dBm	+/-2dB		MCS1	-95 dBm	+/-2dB		
	MCS2	27 dBm	+/-2dB		MCS2	-92 dBm	+/-2dB		
	MCS3	27 dBm	+/-2dB		MCS3	-90 dBm	+/-2dB		
	MCS4	26 dBm	+/-2dB		MCS4	-86 dBm	+/-2dB		
	MCS5	24 dBm	+/-2dB		MCS5	-83 dBm	+/-2dB		
	MCS6	22 dBm	+/-2dB		MCS6	-77 dBm	+/-2dB		
	MCS7	21 dBm	+/-2dB		MCS7	-74 dBm	+/-2dB		
	MCS8	27 dBm	+/-2dB		MCS8	-95 dBm	+/-2dB		
	MCS9	27 dBm	+/-2dB		MCS9	-93 dBm	+/-2dB		
	MCS10	27 dBm	+/-2dB		MCS10	-90 dBm	+/-2dB		
	MCS11	27 dBm	+/-2dB		MCS11	-87 dBm	+/-2dB		
	MCS12	26 dBm	+/-2dB		MCS12	-84 dBm	+/-2dB		
	MCS13	24 dBm	+/-2dB		MCS13	-79 dBm	+/-2dB		
	MCS14	22 dBm	+/-2dB		MCS14	-78 dBm	+/-2dB		
	MCS15	21 dBm	+/-2dB		MCS15	-75 dBm	+/-2dB		
PHYSICAL / ELECTRICAL / ENVIRONMENTAL									
Enclosure Size		29.4 cm x 8 cm x 3cm							
Weight		0.4kg							
Enclosure Characteristics		Outdoor UV Stabilized Plastic							
Mounting Kit		Pole Mounting Kit included							
Max Power Consumption		8 Watts							
Power Supply		15V, 0.8A surge portection integrated POE adapter included							
Power Method		Passive Power over Ethernet (pairs 4,5+; 7,8 return)							
Operating Temperature		-30C to +80C							
Operating Humidity		5 to 95% Condensing							
Shock and Vibration		ETSI300-019-1.4							
INTEGRATED 2x2 MIMO ANTENNA									
Frequency Range		4.9-5.9 GHz		Max VSWR		1.6:1			
Gain		14.6-16.1dBi		H-pol Beamwidth		43 deg.			
Polarization		Dual Linear		V-pol Beamwidth		41 deg.			
Cross-pol Isolation		22dB minimum		Elevation Beamwidth		15 deg.			
									
VSWR		H-Pol Azimuth		H-Pol Elevation		V-Pol Azimuth		V-Pol Elevation	
802.11n / Airmax Support Only at this Time. 802.11a support expected with AirOS 5.1 Release by end of Year									