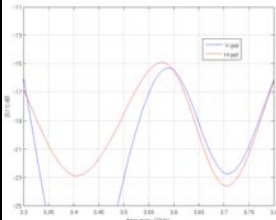
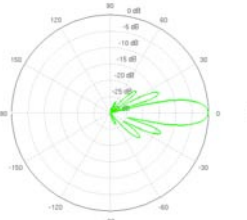
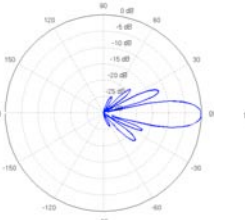
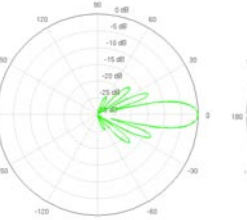


PowerBridge M365: Carrier Class 3.65GHz MIMO Bridging Solution



airMAX
MIMO TDMA Protocol

Processor Specs		SYSTEM INFORMATION		Atheros MIPS 24KC, 400MHz			
Memory Information				64MB SDRAM, 8MB Flash			
Networking Interface				1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface			
REGULATORY / COMPLIANCE INFORMATION							
Wireless Approvals				FCC Part 90Y			
RoHS Compliance				YES			
OPERATING FREQUENCY 3650MHz-3675MHz							
TX POWER SPECIFICATIONS				RX SPECIFICATIONS			
AirMax	DataRate	Avg. TX	Tolerance	Airmax	DataRate	Sensitivity	Tolerance
	MCS0	25 dBm	+/-2dB		MCS0	-94 dBm	+/-2dB
	MCS1	25 dBm	+/-2dB		MCS1	-93 dBm	+/-2dB
	MCS2	25 dBm	+/-2dB		MCS2	-90 dBm	+/-2dB
	MCS3	25 dBm	+/-2dB		MCS3	-89 dBm	+/-2dB
	MCS4	24 dBm	+/-2dB		MCS4	-86 dBm	+/-2dB
	MCS5	23 dBm	+/-2dB		MCS5	-83 dBm	+/-2dB
	MCS6	22 dBm	+/-2dB		MCS6	-77 dBm	+/-2dB
	MCS7	20 dBm	+/-2dB		MCS7	-74 dBm	+/-2dB
	MCS8	25 dBm	+/-2dB		MCS8	-93 dBm	+/-2dB
	MCS9	25 dBm	+/-2dB		MCS9	-91 dBm	+/-2dB
	MCS10	25 dBm	+/-2dB		MCS10	-89 dBm	+/-2dB
	MCS11	25 dBm	+/-2dB		MCS11	-87 dBm	+/-2dB
	MCS12	24 dBm	+/-2dB		MCS12	-84 dBm	+/-2dB
	MCS13	23 dBm	+/-2dB		MCS13	-79 dBm	+/-2dB
	MCS14	22 dBm	+/-2dB		MCS14	-78 dBm	+/-2dB
MCS15	20 dBm	+/-2dB	MCS15	-75 dBm	+/-2dB		
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
Enclosure Size				445 x 416 x 34mm			
Weight				3.82kg			
Enclosure Characteristics				Outdoor UV Stabalized Plastic			
Mounting Kit				Pole Mounting Kit included			
Max Power Consumption				8 Watts			
Power Supply				24V, 1A 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 DUAL-POLARITY ANTENNA							
Frequency Range		3.3-3.8GHz		Max VSWR		1.5:1	
Gain		17.5-19.0 dBi		H-pol Beamwidth		18 deg.	
Polarization		Dual Linear		V-pol Beamwidth		18 deg	
Cross-pol Isolation		28dB minimum		Elevation Beamwidth		18 deg.	
							
VSWR		H-Pol Azimuth		H-Pol Elevation		V-Pol Azimuth	
						V-Pol Elevation	