

Setting	PTP AP	Setting	PTP CPE
<b>Wireless</b>		<b>Wireless</b>	
Wireless Mode	Access Point	Wireless Mode	Station
WDS (Transparent Bridge Mode)	Enabled	WDS (Transparent Bridge Mode)	Enabled
SSID	Whatever	SSID	Whatever
Channel Width	10 Mhz	Lock to AP MAC	
Frequency, MHz	Auto	Channel Width	10 Mhz
Frequency List, MHz	Not Enabled	Frequency List, MHz	Not Enabled
Antenna Gain	0	Antenna Gain	0
Cable Loss	0	Cable Loss	0
Output Power	28	Output Power	28
Data Rate Module	Default	Data Rate Module	Default
Max TX Rate, Mbps	Automatic	Max TX Rate, Mbps	Automatic
Wireless Security	None	Wireless Security	None
RADIUS MAC Authentication	Not Enabled		
MAC ACL	Not Enabled		
<b>Network</b>		<b>Network</b>	
Network Mode	Bridge	Network Mode	Bridge
Disable Network	None	Disable Network	None
Configuration Mode	Simple	Configuration Mode	Simple
Management IP Address	Static	Management IP Address	Static
IP Address	192.168.1.20	IP Address	192.168.1.21
Netmask	255.255.255.0	Netmask	255.255.255.0
Gateway IP	192.168.1.1	Gateway IP	192.168.1.1
Primary DNS IP	8.8.8.8	Primary DNS IP	8.8.8.8
Secondary DNS IP	8.8.8.4	Secondary DNS IP	8.8.8.4
MTU	1500	MTU	1500
Management VLAN	Not Enabled	Management VLAN	Not Enabled
Auto IP Aliasing	Not Enabled	Auto IP Aliasing	Not Enabled
STP	Not Enabled	STP	Not Enabled

IPv6	Not Enabled
<b>Advanced</b>	
RTS Threshold	Turned Off
Distance	Auto Adjust
Aggregation	Enabled
Aggregation Frames	32
AggregationBytes	50000
Multicast Data	Allow All Enabled
Multicast Enhancement	Enabled
Extra Reporting	Enabled
Client Isolation	Enabled
Sensitivity Threshold, dBm	Off
LANO Speed	Auto

**Notes**  
 Rocket AP with 18db Yagi  
 Connections: 1  
 Noise Floor:-101 dBm  
 Transmit CCQ:99 %  
 airMAX Quality: 90 %  
 airMAX Capacity: 78 %

IPv6	Not Enabled
<b>Advanced</b>	
RTS Threshold	Turned Off
Distance	Auto Adjust
Aggregation	Enabled
Aggregation Frames	32
AggregationBytes	50000
Multicast Data	Allow All Enabled
Multicast Enhancement	Enabled
Extra Reporting	Enabled
Client Isolation	Enabled
Sensitivity Threshold, dBm	Off
LANO Speed	Auto

**Notes**  
 Rocket CPE with 18db Yagi  
 Signal Strength: -62 dBm  
 Chain 0 / Chain 1:-67 / -63 dBm  
 Noise Floor: -101 dBm  
 Transmit CCQ: 99.1 %  
 TX/RX Rate:58.5 Mbps / 58.5 Mbps  
 airMAX Quality: 89 %  
 airMAX Capacity: 79 %  
 TX/RX Rate:58.5 Mbps / 58.5 Mbps  
 Customer= Myself, 12 year old daughter, spouse  
 and 2 house guests.  
 Shooting around and through suburban trees and  
 houses at ~40' AGL

Setting	PTMP AP
<b>Wireless</b>	
Wireless Mode	Access Point
WDS (Transparent Bridge Mode)	Disabled
SSID	Whatever
Channel Width	20 Mhz
Frequency, MHz	Auto
Frequency List, MHz	Not Enabled
Antenna Gain	0
Cable Loss	0
Output Power	28
Data Rate Module	Default
Max TX Rate, Mbps	Automatic
Wireless Security	None
RADIUS MAC Authentication	Not Enabled
MAC ACL	Not Enabled
<b>Network</b>	
Network Mode	Bridge
Disable Network	None
Configuration Mode	Simple
Management IP Address	Static
IP Address	192.168.1.22
Netmask	255.255.255.0
Gateway IP	192.168.1.1
Primary DNS IP	8.8.8.8
Secondary DNS IP	8.8.8.4
MTU	1500
Management VLAN	Not Enabled

Setting	PTMP CPE
<b>Wireless</b>	
Wireless Mode	Station
WDS (Transparent Bridge Mode)	Enabled
SSID	Whatever
Lock to AP MAC	
Channel Width	20 Mhz
Frequency List, MHz	Not Enabled
Antenna Gain	0
Cable Loss	0
Output Power	28
Data Rate Module	Default
Max TX Rate, Mbps	Automatic
Wireless Security	None
<b>Network</b>	
Network Mode	Bridge
Disable Network	None
Configuration Mode	Simple
Management IP Address	Static
IP Address	192.168.1.23
Netmask	255.255.255.0
Gateway IP	192.168.1.1
Primary DNS IP	8.8.8.8
Secondary DNS IP	8.8.8.4
MTU	1500
Management VLAN	Not Enabled

Auto IP Aliasing	Not Enabled
STP	Not Enabled
IPv6	Not Enabled
<b>Advanced</b>	
RTS Threshold	Turned Off
Distance	Auto Adjust
Aggregation	Enabled
Aggregation Frames	32
AggregationBytes	50000
Multicast Data	Disabled
Multicast Enhancement	Disabled
Extra Reporting	Enabled
Client Isolation	Enabled
Sensitivity Threshold, dBm	Off
LAN0 Speed	Auto

**Notes**

Rocket AP with 18db Yagi  
Connections: 2  
Noise Floor:-97 dBm  
Transmit CCQ:98.2 %  
airMAX Quality: 71%  
airMAX Capacity: 68%  
Customers? Smallest blip = major whining

Auto IP Aliasing	Not Enabled
STP	Not Enabled
IPv6	Not Enabled
<b>Advanced</b>	
RTS Threshold	Turned Off
Distance	Auto Adjust
Aggregation	Enabled
Aggregation Frames	32
AggregationBytes	50000
Multicast Data	Disabled
Multicast Enhancement	Disabled
Extra Reporting	Enabled
Client Isolation	Enabled
Sensitivity Threshold, dBm	Off
LAN0 Speed	Auto

**Notes**

Rocket CPE with 18db Yagi  
Signal Strength: -61 dBm  
Chain 0 / Chain 1:-62 / -64 dBm  
Noise Floor:-95 dBm  
Transmit CCQ:98.2 %  
TX/RX Rate:130 Mbps / 117 Mbps  
airMAX Priority:High  
airMAX Quality: 87 %  
airMAX Capacity: 78 %  
Customer = major whiner. 2 lost packets per  
day=multi-day support ticket.  
Shooting ~ 1.6 miles through old firs and open  
valley