



- **Wimax**
 - **Networking**
 - Clients connect to GENI backbone
 - Fiber to lab switch from GENI rack
 - Airspan
 - Still using Netspan – clients configured for GENI vlan
 - NEC
 - Wimaxrf – Default is GENI vlan with dhcp NAT
 - Cisco
 - Brief conversations regarding possibility of getting clients on GENI vlan



Greenpacket Modems



Firmware version:
v2.9.10-g1.1.1-gp

Status

Personalization

WiMAX

Networking

Management

WiMAX Status

Network Status

Device Status

System Status

Frequency: 0
 Bandwidth: 0
 BSID: 00:00:00:00:00:00
 Dev State: Ready
 Mac State: Disconnected
 Uptime: 00:02:34

Physical Status

RSSI: 0.00 dBm
 CINR: 0.00/0.00 (R3/R1)dB
 TX power: 0 dBm

Uplink

Modulation: QPSK [CC] 1/2
 Date rate: 0
 TX bytes: 0

Downlink

Modulation: QPSK [CC] 1/2
 Date rate: 0
 RX bytes: 0

Service Flow

10 per page 0 page

No.	SFID	SF Status	SF Direction
Total Num: 0			



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IP Pass Through

Enable IP Pass Through

IP Pass Through Exception Setting

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No.	Active	Incoming Interface	Protocol	Src Port	Dest Port	Comment
1	Y	LAN	UDP	68	67	DHCP request from lan
2	Y	WAN	UDP	67	68	DHCP response from wan

Total Num: 2

Undo

Apply

- WiFi
- NAT Mode
- Firewall
- DHCP Server
- IP Pass Through**
- NAT ALG
- Forwarding
- Trigger
- DDNS
- UPNP



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Personalization

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WiFi

NAT Mode

Firewall

DHCP Server

IP Pass Through

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Trigger

DDNS

UPNP

Start/Stop WiFi

Start

Stop

WiFi-Settings

Wireless Mode

802.11 B/G mixed ▾

Channel

Auto ▾

TxPower

13 dBm ▾

Beacon period

100 (Default:100)

SSID Settings

WLAN SSID

kempwimax3

Hide SSID

Encryption Type

NONE ▾

Undo

Next

Apply

- Teaching
 - GENI in the classroom
 - Gave an intro to GENI talk using a shortened version of the slides
 - Homework
 - LOS vs. NLOS wireless signal propagation
 - Creation of their own propagation models using measured values

