



TERMO DE ACEITE TÉCNICO

Solicitante: ATI - Agência de Tecnologia da Informação do Estado do Piauí

NOC/Operadora: Wallace Teixeira

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ATI: WesleySouza

Responsável/cliente: Antonio Carlos Souza Lima

Orgão: SEDUC

Unidade: Assentamento Vila São Pedro

Data Instalação
05/10/2018

Data Ativação 05/10/2018

Operadora Global
Eagle

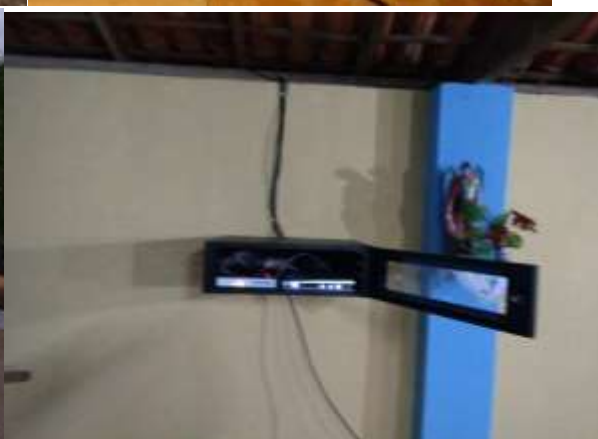
VSAT-ID ATI-PB-0106-OUT

Porta kbps 4096/512

Tipo
Outdoor

Piauí, 05 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0106-OUT
 Location : São João do Arraial PI
 Contact :
 System Up time : 0 days, 06:28:05
 CPU Load : 11%
 System time(UTC) : 06 October 2018 05:04:52
 Broadcast Message : not set

HW:

Model : SatLink 2000
 HW ID : 120033
 Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:9b:7b
 Satellite (DVB) : 00:20:0e:10:9b:7b

dvb tx show

Satellite (DVB) TX Configuration

 Auto start : Enabled
 BUPC status : Disabled
 IDU Output Power : -20 dBm
 IDU Max Output Power: 0.0 dBm
 Default CW Frequency: 0.000000 GHz
 ATM mode : VC-Mux
 Header Compression : None

Satellite (DVB) Transmitter Status

 State : On (DVB-RCS2)
 IDU Output Power : -20.1 dBm
 Es/No : 15.5 dB
 Header Compression : Disabled
 Timing correction : -40 us (249893 us)
 Frequency correction: 140 Hz

dvb rx show

Satellite (DVB) RX Configuration

 Auto start : Enabled
 Max Signalling MODCOD: 23 16APSK-9/10
 Max Traffic MODCOD : 28 32APSK-9/10
 RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name	Enable
* 0	0	25.000000	11.628079	DVB-S2	105	0	0.0 E		Yes	

Satellite (DVB) Receiver Status

```

-----
Rx State      : On
DVB State     : Forward link up
Network       : 1326, ATI-PI
Frequency     : 11.628067 GHz
Symbol Rate   : 25.000137 Msps
S2 ModCod
  - receiving : 1 QPSK-1/4
  - current max : 16 8PSK-8/9
Pilot         : On
Frame length  : Short
DVB S2 Mode   : ACM
DVB S2 Stream type : MPEG-TS
Roll off      : 0.25
SNR           : 12.9 dB
Input Power   : -36 dBm
# odushow

```

Antenna

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-----
Type           BrasilSat SOB107-12 - 1.2m
Antenna controller  None
Tx Gain        43.0dB

```

Transmitter (BUC)

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-----
Type           JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply        24V On
Reference        10Mhz On

```

Receiver (LNB)

```

-----
Type           SatLink 403x (10.70-12.75 GHz)
Local oscillator- LO1 9.750000 GHz
Local oscillator- LO2 10.600000 GHz
Oscillator switching frequency 1-2 11.700000 GHz
LO Switching mode 22KHz
13/18V DC supply 13V

```

ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.137	255.255.255.252	10.225.1.139	1500	eth0	1
3	172.18.192.115	255.255.255.255	N/A	1540	dvb0	1
4	N/A	N/A	N/A	1500	air0	1

DNS Client Configuration

Primary DNS Server: 209.244.0.3, Secondary DNS Server: 209.244.0.4

Interface Statistics

----- Input ----- Output -----

If	UCast	NUCast	Disc	Octets	UCast	NUCast	Disc	Octets
1	1829340	7	5039	239139788	2815567	198	0	3323164140
3	2786292	0	932	3440515330	1269741	0	0	188130002
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
4615621	3019	0	0	4094921	3531	0	5998	

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----

RPF	Src eqdest	RPF HitCount	SrceqdestHitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop	If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC	ACTIVE
10.225.1.136	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.108.0	255.255.255.0	10.225.1.138	1	STATIC	ACTIVE
172.18.192.115	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
<div>+</div> <div>-</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.1.246/30	-	Física	WAN	
	eth1	10.225.135.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.246 netmask 255.255.255.252 broadcast 10.225.1.247
    ether 00:0b:ab:f5:c9:b4 txqueuelen 10000 (Ethernet)
    RX packets 111759 bytes 153066556 (145.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 69354 bytes 3798545 (3.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.135.1 netmask 255.255.255.0 broadcast 10.225.135.255
    ether 00:0b:ab:f5:c9:b5 txqueuelen 10000 (Ethernet)
    RX packets 4095 bytes 929724 (907.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 5544 bytes 4708174 (4.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff
```

19:18

Sex, 5 de out de 2018 06:31

Assistente de Áudio Otimização do sistema Calculadora PowerMaster

Gerenciador de inicialização Lanterna Dados móveis Piui_Conectado

Som Localização Roteador Wi-Fi Filtro de luz azul

TIM / Só chamadas de emergência – Claro BR

Alertas de emergência

Novos alertas

2 alertas não lidos.

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Rede Maquininhas Rede: os melhores benefic... +9

4 – Teste de Velocidade

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