

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira

Técnico Instalador: Claudnei

Contato: 11 96577-9767

Email: claudnei@telecomtorre.com.br

ATI: Wesley Souza

Responsável/cliente:

Orgão: SEDUC

Data Instalação
14/11/2018

Data Ativação
14/11/2018

Unidade: Assentamento Nova
Aliança

Município: Pio IX

Coordenadas: 6°45'0.00"S 40°47'37.00"W

Operadora
Global Eagle

VSAT-ID
ATI-PB-0192-OUT

Porta kbps
4M/256k

Tipo
Outdoor

Piauí, 14 de Novembro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-PB-0192-OUT
Location : Pio IX - PI
Contact :
System Up time : 0 days, 00:59:06
CPU Load : 42%
System time(UTC) : 15 November 2018 02:00:47
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9d:96
Satellite (DVB) : 00:20:0e:10:9d:96

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -18 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 : -17.9 dBm
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : 57 us (249519 us)
Frequency correction: 260 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          : 11.628058 GHz
Symbol Rate        : 24.999891 Msps
S2 ModCod
- receiving        : 1  QPSK-1/4
- current max      : 21  16APSK-5/6
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
DVB S2 Stream type : MPEG-TS
Roll off           : 0.25
SNR                : 16.7 dB
Input Power        : -31 dBm
# odu show
```

Antenna

Type	ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller	None
Tx Gain	43.3dB

Transmitter (BUC)

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

Receiver (LNB)

Type	Zinwell ZK-VJ1 (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

	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.9	255.255.255.252	10.225.3.11	1500	eth0	1
3	172.18.192.250	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	122419	658	2620	44362021	197212	87	0	223442830
3	184926	0	532	226566888	60593	0	0	39304248
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

307905	2166	0	0	260627	1675	206	2620
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Interface Directed Routing Table

In If	Out If
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-----IP LAC Statistics-----

RPF	Src eq dest	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
10.225.3.8	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.204.0	255.255.255.0	10.225.3.10	1	STATIC	ACTIVE
172.18.192.250	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.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.3.10/30	-	Física	WAN	
	eth1	10.225.204.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
[root@cloudlinux ~]# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.3.10  netmask 255.255.255.252  broadcast 10.225.3.11
    ether 00:90:27:ef:70:48  txqueuelen 10000  (Ethernet)
    RX packets 135557  bytes 192386212 (183.4 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 70915  bytes 4562113 (4.3 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
    device interrupt 16  memory 0xfe8e0000-fe900000

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.225.204.1  netmask 255.255.255.0  broadcast 10.225.204.255
    ether 00:90:27:ef:70:49  txqueuelen 10000  (Ethernet)
    RX packets 5594  bytes 1242835 (1.1 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 7721  bytes 6871704 (6.5 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
    device interrupt 17  memory 0xfe9e0000-fea00000

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    loop txqueuelen 1  (Loopback Local)
    RX packets 288213  bytes 72391928 (69.0 MiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 288213  bytes 72391928 (69.0 MiB)
    TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

22:06



Qua, 14 de nov de 2018 06:02



Assistente de
Áudio



Otimização do
sistema



Calculadora



PowerMaster



Gerenciador de
Inicialização



Lanterna



Dados móveis



Paul_Connectad
o



Som



Localização



Roteador Wi-Fi



Filtro de luz azul

TIM / Sem serviço - Claro BR

 **PowerMaster** =

Bateria baixa, apenas 15% restante!

Modo Super economia aumenta o tempo de sua bateria. Faça chamadas neste modo, mesmo com a carga da bateria baixa. Seu aparelho retornará automaticamente para o modo atual quando conectado à fonte de alimentação.

TOQUE PARA ATIVAR O MODO SUPER ECON...

4 – Teste de Velocidade -Download/Upload

