



## TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Wallace Teixeira

**Técnico Instalador:** Claudinei Costa

**Contato:** 11 97701-2709

**Email:** claudnei@telecomtorre.com.br

**Responsável/cliente:** Raimundo Barbosa de Oliveira

**Orgão:** SEDUC

**Unidade:** Escolar Benedito Oliveira

**Data Instalação**

24/10/2018

**Data Ativação**

24/10/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-ES-0180-IND

**Porta kbps**  
4096/512

**Tipo**  
Indoor

Piauí, 24 de Outubro de 2018

### 1 – Local da Instalação



## 2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0180-IND  
Location : Julio Borges - PI  
Contact :  
System Up time : 0 days, 00:04:24  
CPU Load : 11%  
System time(UTC) : 24 October 2018 04:28:28  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:86  
Satellite (DVB) : 00:20:0e:10:86:86

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -13 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 : -13.1 dBm  
Es/No : 13.5 dB  
Header Compression : Disabled  
Timing correction : 10 us (251144 us)  
Frequency correction: 90 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[Msps]	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     : 11.628088 GHz
Symbol Rate   : 25.000317 Msps
S2 ModCod
  - receiving  : 16 8PSK-8/9
  - 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           : 14.2 dB
Input Power   : -35 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          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  10.225.2.217 255.255.255.252  10.225.2.219 1500  eth0  1
3  172.18.192.204 255.255.255.255  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  4838    7    0  481456  5092    7    0  1293774
3  1858    0    0  1090917  1669    0    0  250903
```

4	0	0	0	0	0	0	0	0	0
IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards	
	6694	190	0	0	6809	215	0	0	

Interface Directed Routing Table

In If	Out If
-------	--------

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

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	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
10.225.2.216	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.192.0	255.255.255.0	10.225.2.218	1	STATIC	ACTIVE
172.18.192.204	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	10.225.2.218/30	-	Física	WAN	
	eth1	10.225.192.1/24	10.225.192.1	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.218 netmask 255.255.255.252 broadcast 10.225.2.219
    ether 00:90:27:f0:87:88 txqueuelen 10000 (Ethernet)
    RX packets 1031 bytes 369559 (360.8 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2081 bytes 279850 (273.2 KiB)
    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 10.225.192.1 netmask 255.255.255.0 broadcast 10.225.192.255
    ether 00:90:27:f0:87:89 txqueuelen 10000 (Ethernet)
    RX packets 14636 bytes 2197350 (2.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 18751 bytes 13210453 (12.5 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 (Local Loopback)
    RX packets 222757 bytes 80769121 (77.0 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 222757 bytes 80769121 (77.0 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

00:55



Qua, 24 de out de 2018 06:00



Assistente de  
Áudio



Otimização do  
sistema



Calculadora



PowerMaster



Gerenciador de  
inicialização



Lanterna



Dados móveis



Plau\_Connect



Som



Localização



Rotador Wi-Fi



Filtro de luz azul

VIVO - TIM / Sem serviço - Claro BR

Gmail - claudine@linktele.com.br - 7 h -

SBOM

Atendimento Enviado - Ticket Nº: 2493

O Ticket Nº: 2493 Foi Atualizado

Instalação - LINK-RANCHO-DO-CACAU

Usuário : Rogerio Frias

Técnico NOC Responsável : Rogerio Frias

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Fim da Chamada - Retorno ao menu

4 – Teste de Velocidade

Download/Uploand

