



TERMO DE ACEITE TÉCNICO

Solicitante: Secretaria de Estado de Educação - SEDUC

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ATI: Wesley Souza

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Operadora
Global Eagle

VSAT-ID
ATI-ES-0029-IND

Porta kbps
1024/256

Tipo
Indoor

Piauí, 30 de agosto de 2018

Contrato: 016/2018

1 – Local da Instalação





2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0029-IND
Location : PI
Contact :
System Up time : 0 days, 06:52:30
CPU Load : 7%
System time(UTC) : 29 August 2018 19:44:34
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:94:a2
Satellite (DVB) : 00:20:0e:10:94:a2

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-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 : 11.628108 GHz
Symbol Rate : 24.999858 Msps
S2 ModCod
- receiving : 1 QPSK-1/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 11.8 dB
Input Power : -37 dBm

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
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 : -19.9 dBm
Es/No : 17.0 dB
Header Compression : Disabled
Timing correction : -104 us (250064 us)
Frequency correction: 330 Hz

arp show

NetAddr	State	MacAddr	If
10.225.1.58	Dynamic	00:90:27:f0:2f:42	1

```
# ip show
Interfaces
If      IPAddress      SubnetMask      BroadCastAddr    MTU      Alias      AdminStatus
1      10.225.1.57    255.255.255.252  10.225.1.59     1500     eth0       1
3      172.18.193.213 255.255.255.255  N/A             1500     dvb0       1
4      N/A            N/A              N/A             1500     air0       1
```

3 – Configurações dos Equipamentos



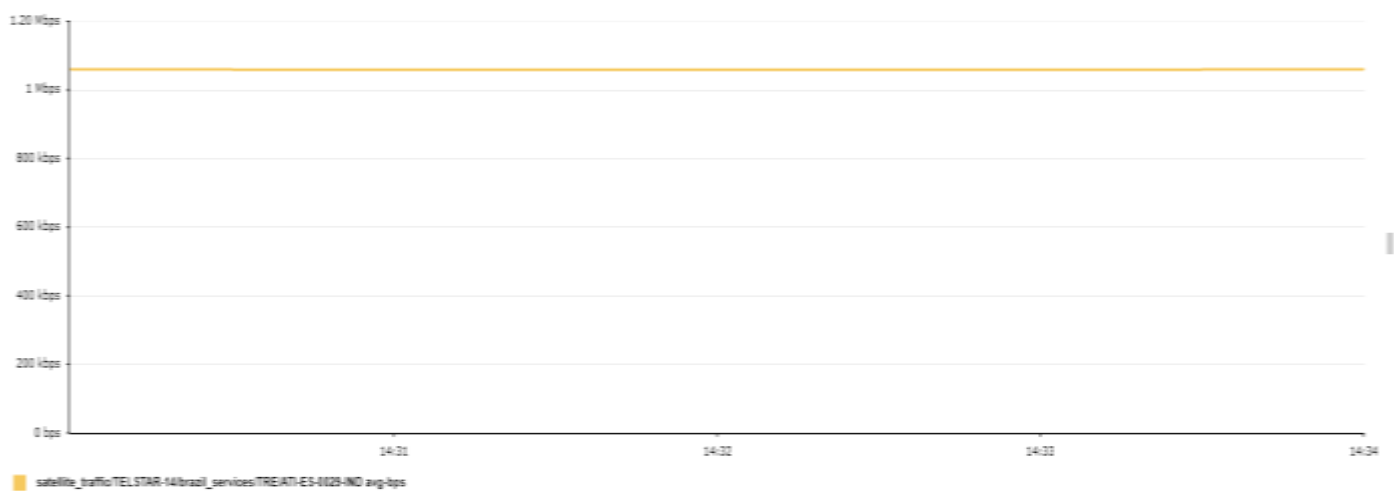
```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.58 netmask 255.255.255.252 broadcast 10.225.1.59
    ether 00:90:27:f0:2f:42 txqueuelen 10000 (Ethernet)
    RX packets 400507 bytes 448925860 (428.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 259557 bytes 83126790 (79.2 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 10.225.88.1 netmask 255.255.255.0 broadcast 10.225.88.255
    ether 00:90:27:f0:2f:43 txqueuelen 10000 (Ethernet)
    RX packets 220604 bytes 28028501 (26.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 376437 bytes 459981721 (438.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade

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