TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Leonardo Martins SIlva	**Técnico Instalador:** Claudinei Costa **Contato**: 11 96577-9767 **Email**: claudnei@telecomtorre.com.br
	Responsável/cliente: Zelia Maria de Oliveira

Orgão: SEDUC	Unidade: Praça	Data Instalação 13/10/2018	Data Ativação 13/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-PB-0104-OUT	**Porta kbps** 4024/256	**Tipo** Outdoor

Piauí, 13 de Outubro de 2018

1 – Local da Instalação

1

2 – Configurações do Modem

```
 device show

System Information:
   Name            : ATI-PB-0104-OUT
   Location        : Piripiri -PI
   Contact         :
   System Up time  : 0 days, 01:01:03
   CPU Load        : 44%
   System time(UTC)   : 13 October 2018 19:39:57
   Broadcast Message   : not set

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

MAC addresses:
   LAN             : 00:20:0e:10:85:da
   Satellite (DVB)     : 00:20:0e:10:85:da

# 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    : -19.8 dBM
Es/No            : 15.0 dB
Header Compression  : Disabled
Timing correction   : -36 us (249876 us)
Frequency correction: 350 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   : 11.628145 GHz
Symbol Rate   : 25.000044 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   : 13.7 dB
Input Power   : -34 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    10.225.1.129   255.255.255.252 10.225.1.131   1500          eth0    1
3    172.18.192.170 255.255.255.255 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 450012   15   3 130178527 596823   34   0 722421238
3 590188   0   0 725924633 402154   0 4599 116666209
4   0   0   0   0   0   0   0   0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
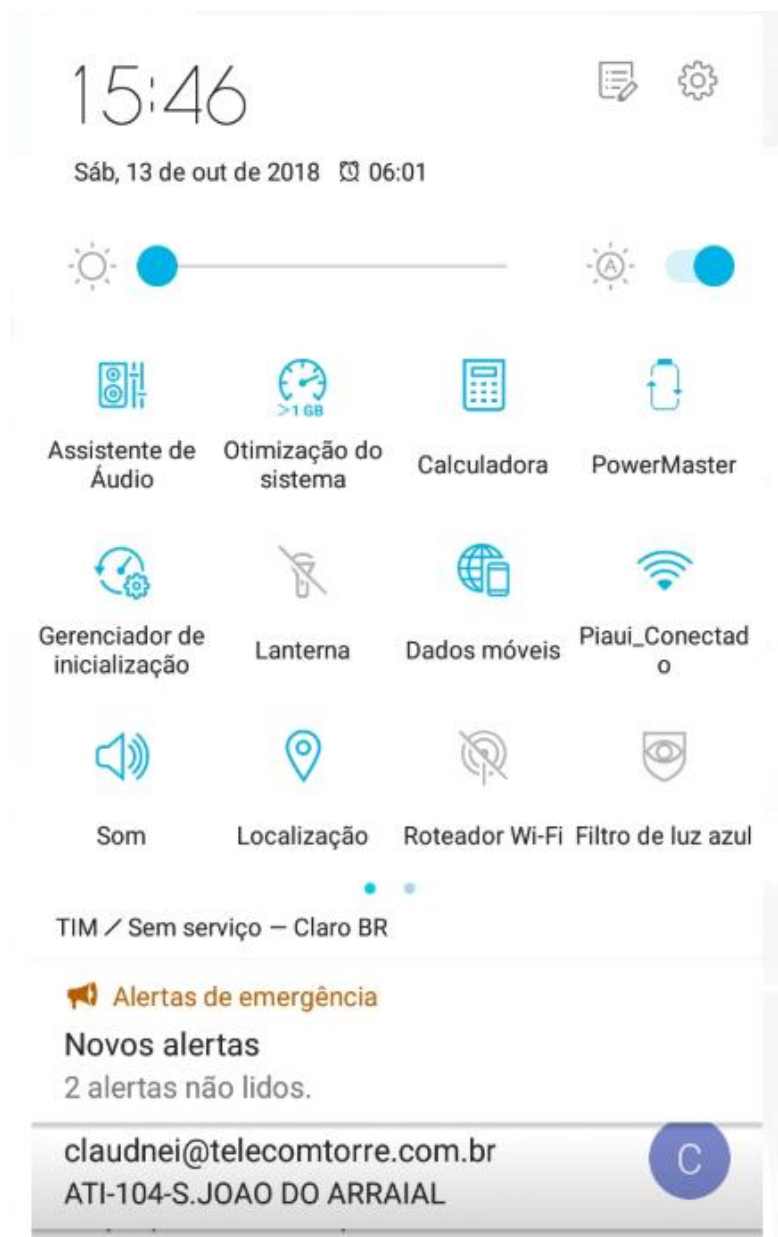   1040103   176   0   0 1004072   246   0   4

Interface Directed Routing Table
 In If Out If

   ---------------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
 10.225.1.128 255.255.255.252   0.0.0.0 1   LOCAL ACTIVE
 10.225.106.0   255.255.255.0   10.225.1.130 1 STATIC ACTIVE
 172.18.192.170 255.255.255.255   0.0.0.0 3   LOCAL ACTIVE
#

4 – Teste de Velocidade

Download/Upload

Graph (Username: ATI-PB-0104-OUT)

Total FWD IP Rate from NetAcc 3,965.79   RET IP Rate from Netacc   485.96

From: 10-13-2018 15:19 to: 10-13-2018 15:24   Zoom: MAX