TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Felipe Freire	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** Claudinei Ribeiro da Rocha

Orgão: ATI - Agência de Tecnologia da Informação	Data Instalação:23/11/2018	Data Ativação:23/11/2018	
Unidade: Ponto 3 (Avulso)	**Município: SANTA LUZ**	**Coordenadas: 5°8'25.00"S 42°47'10.00"W**	
Operadora: Global Eagle	**VSAT-ID ATI-OU-0216-OUT**	**Porta kbps** 1024/256	**Tipo** Outdoor

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name          : ATI-OU-0216-OUT
Location       : Teresina- PI
Contact        :
   System Up time    : 0 days, 09:24:17
   CPU Load        : 54%
   System time(UTC)   : 26 November 2018 13:12:24
Broadcast Message   : not set


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


MAC addresses:
   LAN           : 00:20:0e:10:94:83
   Satellite (DVB)    : 00:20:0e:10:94:83


# 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         : 13.5 dB
Header Compression  : Disabled
Timing correction   : -286 us (250928 us)
Frequency correction: 240 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        : 11.628065 GHz
Symbol Rate      : 24.999942 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              : 17.1 dB
Input Power      : -31 dBm
# arp show


  NetAddr       State  MacAddr          If
  10.225.3.106  Dynamic 00:90:27:f0:8d:08   1
# ip show
Interfaces
If     IPAddress      SubnetMask  BroadCastAddr  MTU        Alias  AdminStatus
 1   10.225.3.105  255.255.255.252   10.225.3.107  1500          eth0   1
 3       172.18.193.40  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  771207      6       0 121519038 1135224     275      0 1160755352
 3    1051296      0       0 1211305938  518898      0      0  97916790
 4     0      0      0      0      0      0      0       0
IP Receive Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   1821242    2379      0       0 1656144    2748       0        2


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
  10.225.3.104  255.255.255.252       0.0.0.0  1   LOCAL  ACTIVE
  10.225.228.0   255.255.255.0    10.225.3.106  1  STATIC  ACTIVE
172.18.193.40  255.255.255.255       0.0.0.0  3   LOCAL  ACTIVE #
```
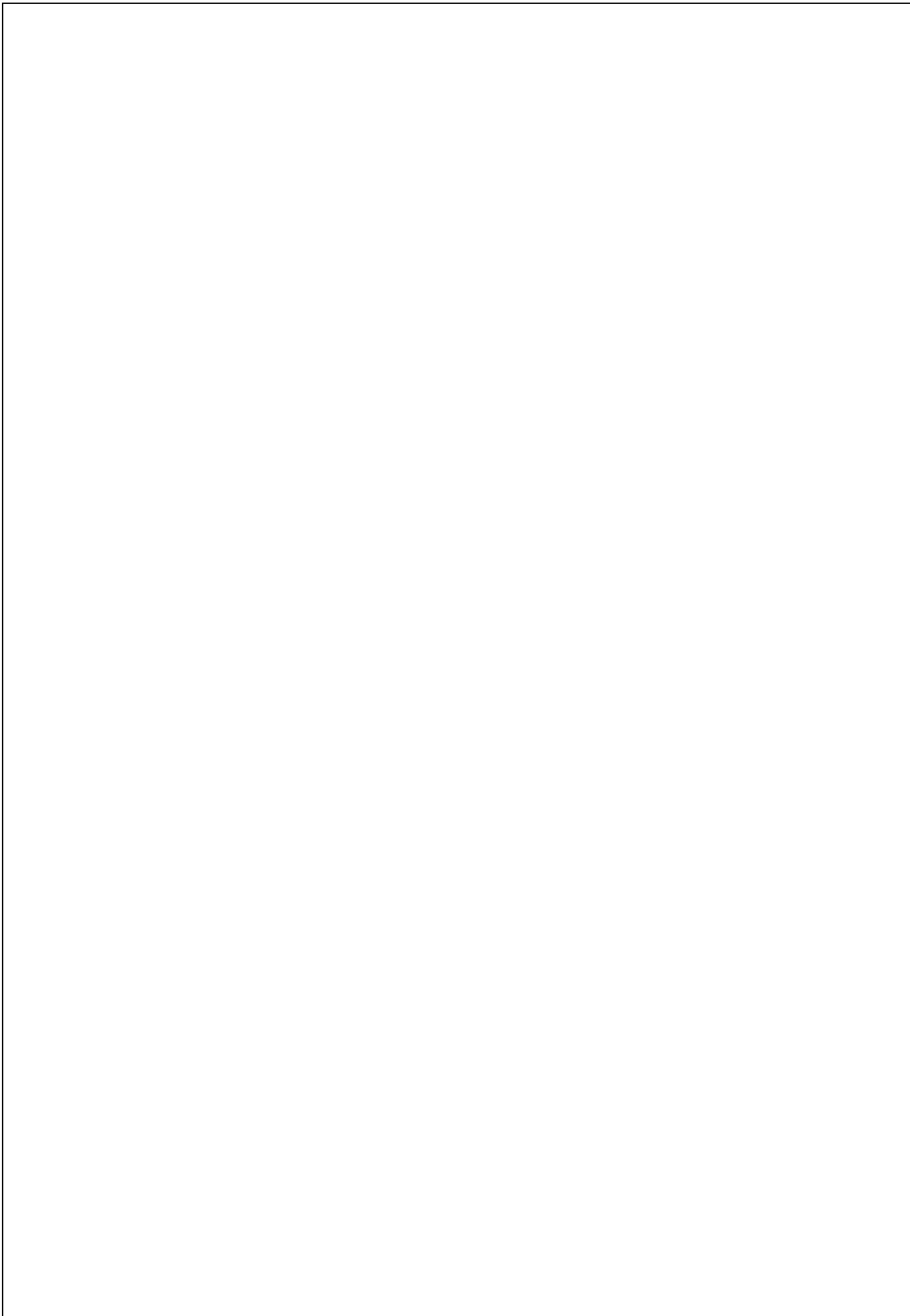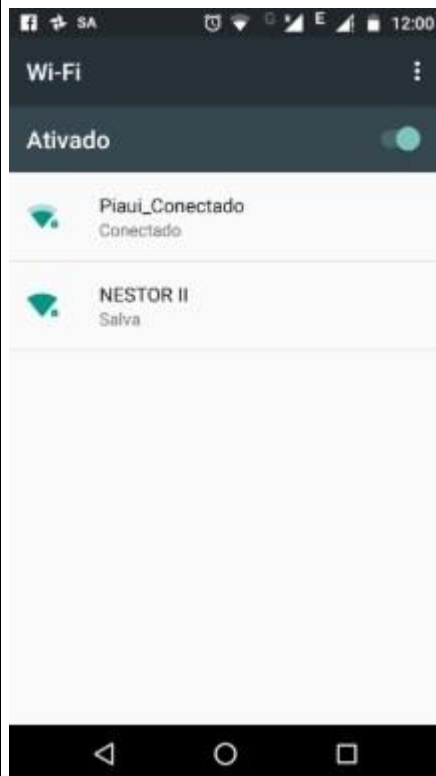
3 – Configurações dos Equipamentos

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.3.106  netmask 255.255.255.252  broadcast 10.225.3.107
        ether 00:90:27:f0:8d:08  txqueuelen 10000  (Ethernet)
        RX packets 1146507  bytes 1174856213 (1.0 GiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 779828  bytes 125650782 (119.8 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 10.225.228.1  netmask 255.255.255.0  broadcast 10.225.228.255
        ether 00:90:27:f0:8d:09  txqueuelen 10000  (Ethernet)
        RX packets 790421  bytes 126271019 (120.4 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1152357  bytes 1172795533 (1.0 GiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade-Download/Upload