



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira

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Orgão: SEDUC

Unidade: Escolar José Rodrigues da Silva

Data Instalação

12/10/2018

Data Ativação

12/10/2018

Operadora
Global Eagle

VSAT-ID
ATI-ES-0086-IND

Porta kbps
4096/512

Tipo
Indoor

Piauí, 12 de Outubro de 2018

1 – Local da Instalação



2 – Configurações do Modem

device show

System Information:

Name : ATI-ES-0086-IND
Location : Miguel Alves - PI
Contact :
System Up time : 2 days, 07:58:42
CPU Load : 10%
System time(UTC) : 16 October 2018 05:32:28
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:72
Satellite (DVB) : 00:20:0e:10:86:72

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -19 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 : -19.1 dBm
Es/No : 14.5 dB
Header Compression : Disabled
Timing correction : -69 us (250019 us)
Frequency correction: 60 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
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* 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 : 11.628115 GHz
Symbol Rate : 25.000368 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 : 13.6 dB
Input Power : -37 dBm
odu show

Antenna

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

Transmitter (BUC)

Type Invacom TUL-204 (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

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.245	255.255.255.252	10.225.0.247	1500	eth0	1
3	172.18.192.169	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 3851304    0   743 407902752 6513089   1618    0 2984137602
3 6398037    0   266 3259269550 1994953    0    0 264247841
4    0    0    0    0    0    0    0    0
IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards
10241936 2981    0    0 8506262 5752    0   1043
```

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
10.225.0.244	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.71.0	255.255.255.0	10.225.0.246	1	STATIC	ACTIVE
172.18.192.169	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Teste de Velocidade

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