

 		<h1>TERMO DE ACEITE TÉCNICO</h1>	
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: Jacó Luiz Damascena	
Orgão: SEDUC	Unidade: Romuel Lima dos Santos	Data Instalação 21/09/2018	Data Ativação 21/09/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0039-IND	Porta kbps 4096k/512k	Tipo Intdoor

Piauí, 21 de Setembro de 2018

1 – Local da Instalação



device show

System Information:

Name : ATI-ES-0039-IND
Location : Pimenteira - PI
Contact :
System Up time : 0 days, 02:14:44
CPU Load : 22%
System time(UTC) : 22 September 2018 00:47:56
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:86:07
Satellite (DVB) : 00:20:0e:10:86:07

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 : 11.628067 GHz
Symbol Rate : 24.999678 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 : 13.3 dB
Input Power : -36 dBm
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 : -19.9 dBm
Es/No : 13.0 dB

Header Compression : Disabled

Timing correction : 45 us (249686 us)

Frequency correction: 170 Hz

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 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	10.225.0.49	255.255.255.252	10.225.0.51	1500	eth0	1
3	172.18.192.36	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	125220	2557	1661	40297517	246181	123	0	304098066
3	231926	0	0	305374917	52988	0	0	34377399
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	359448	1942	0	0	299290	1169	690	702

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
10.225.0.48	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.22.0	255.255.255.0	10.225.0.50	1	STATIC	ACTIVE
172.18.192.36	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.50 netmask 255.255.255.252 broadcast 10.225.0.51
    ether 00:0b:ab:f5:c7:36 txqueuelen 10000 (Ethernet)
    RX packets 207233 bytes 292197145 (278.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 107571 bytes 5854900 (5.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.22.1 netmask 255.255.255.0 broadcast 10.225.22.255
    ether 00:0b:ab:f5:c7:37 txqueuelen 10000 (Ethernet)
    RX packets 4090 bytes 836695 (817.0 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 11207 bytes 14195782 (13.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff
```

Configurações de Rede

Configurações						
Interfaces						
Roteamento Estático						
Roteamento Dinâmico						
Configurações IPv6						
Controle de Banda						
H.A.						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.50/30	-	Física	WAN	
	eth1	10.225.22.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	



4 – Teste de Velocidade

Download/Uploand

