TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira	**Técnico Instalador:** joao carlos widar **Contato**: (11) 93802-7080 **Email**: joao.widar.carlos@gmail.com
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Orgão: SEDUC	Unidade: Unidade Escolar Amando Moura		Data Instalação 01/10/2018	Data Ativação 01/10/2018
Operadora Global Eagle	VSAT-ID ATI-ES-0042-IND		Porta kbps 4096k/512k	Tipo Intdoor

Piauí, 01 de Outubro de 2018

1 – Local da Instalação

device show

System Information:
    Name   : ATI-ES-0042-IND
    Location   : PI
    Contact   :
    System Up time   : 0 days, 14:03:46
    CPU Load   : 7%
    System time(UTC) : 02 October 2018 06:31:47
    Broadcast Message : not set

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

MAC addresses:
    Ethernet (LAN)   : 00:20:0e:10:8b:4f
    Satellite (DVB)   : 00:20:0e:10:8b:4f

dvb tx show

Satellite (DVB) TX Configuration

Auto start   : Enabled
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   : -17.8 dBm
Es/No   : 14.0 dB
Header Compression : Disabled
Timing correction   : -124 us (249912 us)
Frequency correction: 60 Hz

```
# dvb rx show

Satellite (DVB) RX Configuration
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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        : 11.628107  GHz
Symbol Rate      : 25.000016  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              : 12.4 dB
Input Power      : -34 dBm
# odu show

Antenna
--------------------
Type                ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller       None
Tx Gain at 14.25 GHz        43.3dB

Transmitter (BUC)
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Type                JRC NJT5017 (14.0-14.5 GHz)
Local oscillator         13.050000  GHz
DC supply             24V On

Receiver (LNB)
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Type                Zinwell ZK-VJ1 (10.70-12.75 GHz)
Local oscillator - LO1        9.750000  GHz
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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	10.225.0.57	255.255.255.252	10.225.0.59	1500	eth0	1
3	172.18.192.70	255.255.255.255	N/A	1500	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	22219	6	26	4510568	29809	407	0	23002685
3	30295	0	0	23260059	17980	0	0	4212759
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	Discards	Forward	Request	NoRoute	Discards
	50825	2759	0	0	43600	3197	0	32

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
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC
10.225.0.56	255.255.255.252	0.0.0.0	1	LOCAL
10.225.24.0	255.255.255.0	10.225.0.58	1	STATIC
172.18.192.70	255.255.255.255	0.0.0.0	3	LOCAL

3 – Teste de Velocidade

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