TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Wallace Teixeira	**Técnico Instalador:** JEAN POLINI **Contato**: (11) 9 7701-2709 **Email**: jeanpolinitelecom@gmail.com
	Responsável/cliente: MARIA EDVANIA DE OLIVEIRA -DIRETORA

Orgão: SEDUC	**Unidade:** Unidade Escolar Polivalente		**Data Instalação** 22/09/2018	**Data Ativação** 22/09/2018
Operadora Global Eagle		**VSAT-ID** ATI-ES-0074IND	**Porta kbps** 4096k/512k	**Tipo** Intdoor

Piauí, 22 de Setembro de 2018

1 – Local da Instalação

device show
System Information:
   Name   : ATI-ES-0074-IND
   Location   : Amarantes- PI
Contact   :
   System Up time   : 0 days, 12:58:33
   CPU Load   : 9%
   System time(UTC)   : 02 October 2018 05:44:27
   Broadcast Message   : not set

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

MAC addresses:
   LAN   : 00:20:0e:10:8c:3f
   Satellite (DVB)   : 00:20:0e:10:8c:3f

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   : -37 us (250188 us)
Frequency correction: 90 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       : 11.628044  GHz
Symbol Rate     : 24.999829  Msps
S2 ModCod
- receiving  : 1   QPSK-1/4
- current max : 15   8PSK-5/6
Pilot           : On
Frame length    : Short
DVB S2 Mode     : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.25
SNR             : 12.8 dB
Input Power     : -35 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)

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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	10.225.0.21	255.255.255.252	10.225.0.23	1500	eth0	1
3	172.18.192.53	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	484655	1	173	131113977	1033954	378	0	1174925192
3	954888	0	73	1195393523	259646	0	0	114131945
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	1437891	3968	0	0	1293967	4425	0	268

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
10.225.0.20	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.15.0	255.255.255.0	10.225.0.22	1	STATIC	ACTIVE
172.18.192.53	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Teste de Velocidade

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