



TERMO DE ACEITE TÉCNICO

Solicitante: INFORTREAD

NOC/Operador: Jefferson Marques

Cliente: INFORTREAD-CMAT

Empresa
GEE

VSAT-ID
INFORTREAD-CMAT

Link kbps
1M/256k – 1/20

Plataforma
VSAT

SatLink 2000

- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.1 Build 57

device show

System Information:

Name : INFORTREAD-CMAT
Location : Atalaia do Norte- Amazonas
Contact :
System Up time : 2 days, 17:54:05
CPU Load : 26%
System time(UTC) : 17 March 2017 15:07:18
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:60:4a
Satellite (DVB) : 00:20:0e:10:60:4a

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	10.680000	12.164510	DVB-S2	103	0	0.0 E		

Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.164542 GHz
Symbol Rate : 10.680026 Msps
S2 ModCod
- receiving : 13 8PSK-2/3
- 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 : 13.0 dB
Input Power : -35 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.0 dBm
EIRP : 50.0 dBW
Default CW Frequency: 14.131100 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -17.7 dBm
ODU Output Power : 33.0 dBm
EIRP : 50.0 dBW
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -307 us (264215 us)
Frequency correction: -1020 Hz

MfC Classification table

Module: PEP (1)
SubIdx Idx Grp Classification Parm s HitCount
1 10 1 Dst port = 1..65535 95514

Antenna

Type ASC/Andrew/Channel Master Type 184 - 1.8m
Antenna controller None
Tx Gain at 14.25 GHz 47.0dB

Transmitter (BUC)

Type SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. 104804040204100201670000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Temperature 49 Deg C

Receiver (LNB)

Type SatLink 403x (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

Latitude : 4d 21.95'S (4d 21' 57''S)
Longitude : 70d 11.42'W (70d 11' 25''W)
Altitude : 66 m
Timing Reference : SatLabs
PositionSearchN : 0
#

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	9.320000	12.055825	DVB-S2	102	0	0.0 E		
Yes									
9	9	15.000000	12.059000	DVB-S2	102	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.055856 GHz
Symbol Rate : 9.319958 Msps
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 16 8PSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 15.1 dB
Input Power : -39 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -15 dBm
IDU Max Output Power: -1.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -14.8 dBm
Es/No : 11.5 dB
Header Compression : Disabled
Timing correction : -1 us (262081 us)
Frequency correction: -440 Hz

cmd - Atalho

```
Resposta de 8.8.8.8: bytes=32 tempo=700ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=625ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=737ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=661ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=571ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=669ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=608ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=587ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=623ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=723ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=644ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=568ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=679ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=591ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=580ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=618ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=722ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=649ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=575ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=690ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=599ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=706ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=641ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=739ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=646ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=594ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=693ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=599ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=589ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=623ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=732ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=650ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=577ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=688ms TTL=43
Resposta de 8.8.8.8: bytes=32 tempo=608ms TTL=43
```

Estatísticas do Ping para 8.8.8.8:

Pacotes: Enviados = 281, Recebidos = 281, Perdidos = 0 (0% de perda),

Aproximar um número redondo de vezes em milissegundos:

Mínimo = 564ms, Máximo = 1008ms, Média = 658ms

Control-C

^C

C:\Windows\System32>ARP -A

Interface: 10.29.32.210 --- 0x13

Endereço IP	Endereço físico	Tipo
10.29.32.209	00-20-0e-10-78-31	dinâmico
10.29.32.215	ff-ff-ff-ff-ff-ff	estático
224.0.0.2	01-00-5e-00-00-02	estático
224.0.0.251	01-00-5e-00-00-fb	estático
224.0.0.252	01-00-5e-00-00-fc	estático
239.255.255.250	01-00-5e-7f-ff-fa	estático
255.255.255.255	ff-ff-ff-ff-ff-ff	estático

C:\Windows\System32>UIVO-PER 35663943-SP E.M MARIA GOMES DOS SANTOS - ITAPETININGA - SP

```
Telnet 10.29.32.137
RX watchdog : 15 minute

Idx Pri SymbRate[Msp/s] Freq[GHz] Mode PopId SatId Pos SatName
Name Enable
* 0 0 9.320000 12.055825 DUB-S2 102 0 0.0 E
Yes

Satellite <DUB> Receiver Status
-----
Rx State : On
DUB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.055923 GHz
Symbol Rate : 9.320039 Msp/s
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 16 8PSK-8/9
Pilot : On
Frame length : Short
DUB S2 Mode : ACM
DUB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 14.8 dB
Input Power : -33 dBm
#
```

```
Telnet 10.29.32.137
DUB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 14.8 dB
Input Power : -33 dBm
#
Satellite <DUB> 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 : UC-Mux
Header Compression : None

Satellite <DUB> Transmitter Status
-----
State : On <DUB-RCS>
IDU Output Power : -20.0 dBm
Es/No : 14.5 dB
Header Compression : Disabled
Timing correction : -186 us <261908 us>
Frequency correction : -200 Hz
#
```

C:\ Windows Command Processor

Resposta de 8.8.8.8: bytes=32 tempo=620ms TTL=43
 Resposta de 8.8.8.8: bytes=32 tempo=727ms TTL=43
 Resposta de 8.8.8.8: bytes=32 tempo=648ms TTL=43

Estatísticas do Ping para 8.8.8.8:

Pacotes: Enviados = 449, Recebidos = 449, Perdidos = 0 (0% de perda),

Aproximar um número redondo de vezes em milissegundos:

Mínimo = 556ms, Máximo = 2567ms, Média = 660ms

Control-C

^C

C:\Users\junior\Desktop>arp -a

Interface: 10.29.32.138 --- 0xd

Endereço IP	Endereço físico	Tipo
10.29.32.137	00-20-0e-10-91-7a	dinâmico
10.29.32.143	ff-ff-ff-ff-ff-ff	estático
224.0.0.2	01-00-5e-00-00-02	estático
224.0.0.251	01-00-5e-00-00-fb	estático
224.0.0.252	01-00-5e-00-00-fc	estático
239.255.255.250	01-00-5e-7f-ff-fa	estático
255.255.255.255	ff-ff-ff-ff-ff-ff	estático

C:\Users\junior\Desktop>teste ping os 35221740 em elisa de barros moraes itapeva
 -sp_