TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias | **Cliente: InternetSat**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	INTERNETSAT-BN-PA	4096k/1024k	VSAT

```
System Information:
  Name            : INTERNETSAT-BN-PA
  Location        : Balsa Nova - PR
  Contact         :
  System Up time    : 4 days, 18:58:30
  CPU Load          : 14%
  System time(UTC)  : 08 March 2017 19:30:03
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)    : 00:20:0e:10:8e:68
  Satellite (DVB)   : 00:20:0e:10:8e:68

Satellite (DVB) RX Configuration
-------------------------------
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    9.320000       12.055825 DVB-S2 4        0    0.0 E                         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State       : On
DVB State        : Forward link up
Network        : 1326,  T14R Beam
Frequency        : 12.055946 GHz
Symbol Rate      : 9.319914 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       : 0.20
SNR          : 13.6 dB
Input Power      : -35 dBm




Satellite (DVB) TX Configuration
-------------------------------
Auto start       : Enabled
IDU Output Power   : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 35.3 dBm
EIRP           : 52.0 dBW
```

```
Default CW Frequency: 14.125750 GHz
ATM mode        : VC-Mux
Header Compression :  None


Satellite (DVB) Transmitter Status
--------------------------------
State        : On  (DVB-RCS)
IDU Output Power   : -9.5 dBm
ODU Output Power   : 35.1 dBm
EIRP        : 51.8 dBW
Es/No        : 14.5 dB
Header Compression  : Disabled
Timing correction   : -107 us (262431 us)
Frequency correction: -140 Hz



Antenna
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Type                    BrasilSat SOB107-18  - 1.8m
Antenna controller          None
Tx Gain at 14.25 GHz        46.7dB

Transmitter (BUC)
--------------------------------
Type                    SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.             10480404020409040230000
ODU HW Version             4.2
ODU SW Version             1.3
Local oscillator         13.050000 GHz
DC supply             24V On
Temperature            45 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



Capacity parameters per channel:
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Channel  CRA[kbps] Allocated[kbps]
    0      0          7

Requested capacity per QoS class:
--------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
    0     0      1024      102       2       1128 Best Effort
    0     1       0        0        0        0 VoiP
    0     2       0        0        0        0 ViC
    0     3      32        3        0         0 Critical Data

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)



MfC Classification table
```

Module: PEP (1)
SubIdx Idx Grp Classification Parms   HitCount
   1 10   1 Dst port =   1..65535   11305

PING
553 ms

DOWNLOAD SPEED
0.72 Mbps

UPLOAD SPEED
CONNECTING

Prompt de Comando - ping 8.8.8.8 -t

```
Resposta de 8.8.8.8: bytes=32 tempo=735ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=646ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=570ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=673ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=586ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=686ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=604ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=709ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=626ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=634ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=703ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=740ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=1666ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=649ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=562ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=843ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=936ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=669ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=573ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=575ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=591ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=689ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=604ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=702ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=615ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=722ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=634ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=644ms TTL=44
Resposta de 8.8.8.8: bytes=32 tempo=653ms TTL=44
```