TERMO DE ACEITE TÉCNICO

Solicitante: GEE

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

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	IMAIS-CIANE	2048k/512k	VSAT

```
# device show
System Information:
  Name            : IMAIS-CIANE
  Location        : Tefé - AM
  Contact         :
  System Up time   : 0 days, 01:46:26
  CPU Load        : 21%
  System time(UTC)   : 15 February 2018 19:24:59
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)    : 00:20:0e:10:81:9e
  Satellite (DVB)    : 00:20:0e:10:81:9e

# dvb rx show

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    30.000000      12.050000 DVB-S2 4       0   0.0 E                          Yes
  1  1    25.333333      12.050000 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       : 12.050360 GHz
Symbol Rate      : 30.000018 Msps
S2 ModCod
   - receiving   : 7   QPSK-3/4
   - current max : 22   16APSK-8/9
Pilot           : On
Frame length      : Short
DVB S2 Mode       : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.20
SNR             : 15.2 dB
Input Power       : -25 dBm
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start        : Enabled
```

```
IDU Output Power    : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.3 dBm
EIRP         : 50.0 dBW
Default CW Frequency: 14.169950 GHz
ATM mode         : VC-Mux
Header Compression  : None


Satellite (DVB) Transmitter Status
--------------------------------
State          : On  (DVB-RCS)
IDU Output Power    : -17.3 dBm
ODU Output Power    : 33.3 dBm
EIRP         : 50.0 dBW
Es/No         : 13.5 dB
Header Compression  : Disabled
Timing correction   : -121 us (244369 us)
Frequency correction: 10 Hz

# odu show

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 4035 (14.0-14.5 GHz)
ODU Serial No.         106546040203080804070000
ODU HW Version         4.2
ODU SW Version         1.3
Local oscillator       13.050000 GHz
DC supply           24V On
Temperature          35 Deg C

Receiver (LNB)
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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



# dvb cr show

Capacity parameters per channel:
-------------------------------
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      512      51       34        188 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)
# ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms     HitCount
    1  10   1 Dst port =     1..65535   79
#
```