Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: GEE Brasil

NOC/Operador: Leonardo Martins | **Cliente: IMAIS**

Empresa GEE Brasil	VSAT-ID IMAIS-BAOS_E	Link kbps 2M/512k	Plataforma VSAT

```
# device show
System Information:
    Name                : IMAIS-BAOS_E
    Location            : Barcelos-AM
    Contact             :
    System Up time      : 0 days, 00:03:10
    CPU Load            : 24%
    System time(UTC)    : 28 May 2018 20:49:01
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:85:1b
    Satellite (DVB)     : 00:20:0e:10:85:1b

# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode             : VC-Mux
Header Compression   :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -16.6 dBm
ODU Output Power    : 30.0 dBm
EIRP                : 43.3 dBW
Es/No               : 14 dB
Header Compression  : Disabled
Timing correction   : -143 us (244283 us)
Frequency correction: 100 Hz
## 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    25.333000      11.592000 DVB-S2 4          0  0.0 E
Yes
* 5  5    30.000000      11.592000 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            : 11.592688 GHz
Symbol Rate          : 29.999980 Msps
S2 ModCod
      - receiving    : 7   QPSK-3/4
      - current max  : 19  16APSK-3/4
Pilot                : On
Frame length         : Short
DVB S2 Mode          : ACM
DVB S2 Stream type   : MPEG-TS
Roll off             : 0.20
SNR                  : 13.1 dB
Input Power          : -25 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)
------------------------------
Type                            SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                  10654604020410050049000
ODU HW Version                  4.2
ODU SW Version                  1.3
Local oscillator                13.050000 GHz
DC supply                       24V On
Temperature                     40 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

# dvb cr show

Capacity parameters per channel:
-------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0        0            192

Requested capacity per QoS class:
--------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0        0         512          51          158           0 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)
#
```