Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: GEE Brasil

NOC/Operador: Leonardo Martins Silva | **Cliente: VIVO**

Empresa	VSAT-ID	Link kbps	Plataforma
GEE Brasil	VIVO-PER-25086529-PB	1M/256k	VSAT


```
# device show
System Information:
    Name                 : VIVO-PER-25086529-PB
    Location             : Jacarau - PB
    Contact              :
    System Up time       : 0 days, 01:06:53
    CPU Load             : 30%
    System time(UTC)     : 10 November 2018 16:41:49
    Broadcast Message    : not set

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

MAC addresses:
    LAN                  : 00:20:0e:10:4c:d0
    Satellite (DVB)      : 00:20:0e:10:4c:d0

# 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
ODU Output Power     : 34.7 dBm
EIRP                 : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : None



Satellite (DVB) Transmitter Status
----------------------------------
State                : On   (DVB-RCS2)
IDU Output Power     : -13.5 dBm
ODU Output Power     : 34.6 dBm
EIRP                 : 47.9 dBW
Es/No                : 13.0 dB
Header Compression   : Disabled
Timing correction    : -85 us (250216 us)
Frequency correction: 810 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    30.000000      11.592000 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            : 11.592325 GHz
Symbol Rate          : 29.999451 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                  : 15.6 dB
Input Power          : -22 dBm
# odu show


Antenna
---------------------
Type                          ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller            None
Tx Gain                       43.3dB


Transmitter (BUC)
-------------------------------
Type                          SatLink 4035 (14.0-14.5 GHz)
ODU Serial No.                106546040204132710310000
ODU HW Version                4.2
ODU SW Version                1.3
Local oscillator              13.050000 GHz
DC supply                     24V On
```

```
Reference                          10Mhz On
Temperature                        42 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               0


Requested capacity per QoS class:
---------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
      0       0           256          26             2            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 14 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
#
```