Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: GEE Brasil

NOC/Operador: Leonardo Martins	**Cliente: HSVIASAT**

Empresa GEE Brasil	**VSAT-ID** HSVIASAT-WALDEMIR_I	**Link kbps** 2M/512k	**Plataforma** VSAT

```
# device show
System Information:
    Name              : HSVIASAT-WALDEMIR_I
    Location          : Prainha - PA
    Contact           :
    System Up time    : 0 days, 03:44:22
    CPU Load          : 40%
    System time(UTC)  : 15 June 2018 20:49:06
    Broadcast Message : not set

HW:
    Model             : SatLink 1000
    HW ID             : 103346
    Main board ID     : 120012 R1.2

MAC addresses:
    Ethernet (LAN)    : 00:20:0e:10:16:da
    Satellite (DVB)   : 00:20:0e:10:16:da

# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.0 dBm
EIRP                : 52.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On (TDMA)
IDU Output Power    : -8.4 dBm
ODU Output Power    : 34.7 dBm
EIRP                : 51.7 dBW
Es/No               : 14.1 dB
Header Compression  : Disabled
Timing correction   : -3 us (244574 us)
Frequency correction: 80 Hz
# dvb rx show

Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 23   16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
  0   0    30.000000      12.592000  DVB-S2 4        Yes
  1   1    25.333333      12.050000  DVB-S2 4        No
* 5   5    30.000000      11.592000  DVB-S2 4        Yes
  6   6    25.333333      12.050000  DVB-S2 4        Yes
  9   9    25.333000      11.592000  DVB-S2 4        Yes


Satellite (DVB) Receiver Status
```

```
---------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 1326,  T14R Beam
Frequency           : 11.592537 GHz
Symbol Rate         : 29.998262 Msps
S2 ModCod
     - receiving    : 13   8PSK-2/3
     - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 13.8 dB
Input Power         : -30 dBm
# odu show


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.                 10480404020409040021000
ODU HW Version                 4.2
ODU SW Version                 1.3
Local oscillator               13.050000 GHz
DC supply                 24V On
Temperature               53 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               52


Requested capacity per QoS class:
---------------------------------
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
     0       0         512           51            16            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)
#
```