Global Eagle™

TERMO DE ACEITE TÉCNICO

Solicitante: Global Eagle

NOC/Operador: Jefferson de Souza Marques		**Cliente: NSAT**	
Empresa Global Eagle	**VSAT-ID** NSAT-RO-I	**Link kbps** 1M/512k – 1/20	**Plataforma** VSAT


```
SatLink 2000
- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.1 Build 57
# device show
System Information:
    Name               : NSAT-RO-I
    Location           : RO
    Contact            :
    System Up time     : 0 days, 04:35:32
    CPU Load           : 17%
    System time(UTC)   : 06 February 2018 14:52:00
    Broadcast Message  : not set

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

MAC addresses:
    Ethernet (LAN)     : 00:20:0e:10:85:09
    Satellite (DVB)    : 00:20:0e:10:85:09
```

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```
# sw show

SW versions:
    Boot                : 14.0.1.19
    Current             : 16.0.1.57
    Backup              : 15.0.0.34

Manual SW upgrade settings:
    Server IP addr      : 10.10.1.1
    File name           : new.tgz

Automatic SW upgrade settings:
    Activated           : No
    PID                 : 511
    IP address          : 224.0.1.59
    Port No.            : 57001

Licenses for SW options:
    GRE
    PEP-TCP
    QOS-4
    RAC
    VLAN
    DVBS2-16APSK
    TRANSEC

# 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           : 12.050080 GHz
Symbol Rate         : 29.999971 Msps
S2 ModCod
      - receiving    : 18   16APSK-2/3
      - current max  : 13   8PSK-2/3
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 11.7 dB
Input Power         : -39 dBm
```

```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -13 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
----------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -12.8 dBm
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -119 us (245496 us)
Frequency correction: 30 Hz


# odu show

Antenna
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Type                          BrasilSat SOB107-12  - 1.2m
Antenna controller            None
Tx Gain at 14.25 GHz          43.0dB


Transmitter (BUC)
-------------------------------
Type                          JRC NJT5017 (14.0-14.5 GHz)
Local oscillator              13.050000 GHz
DC supply                     24V On


Receiver (LNB)
----------------------------
Type                          Invacom SPV-30SM (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          22          940 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)
#
```