	TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira Lima	**Cliente: Nsat**

Empresa EMC Brasil	**VSAT-ID** NSAT-IIEB-II	**Link kbps** 1M/512k	**Plataforma** VSAT

```
    device show
System Information:
   Name          : NSAT-IIEB-II
   Location       : Humaitá/AM
   Contact        :
   System Up time    : 0 days, 12:50:20
   CPU Load        : 30%
   System time(UTC)   : 16 July 2018 01:56:15
   Broadcast Message   : not set

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

MAC addresses:
   Ethernet (LAN)     : 00:20:0e:10:8f:3b
   Satellite (DVB)    : 00:20:0e:10:8f:3b

# 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      11.592000 DVB-S2 4       0  0.0 E                          Yes
  1  1   25.333000      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        : 11.592685 GHz
Symbol Rate       : 30.000003 Msps
S2 ModCod
```

- receiving   : 18   16APSK-2/3
        - current max : 18   16APSK-2/3
Pilot   : On
Frame length   : Short
DVB S2 Mode   : ACM
DVB S2 Stream type : MPEG-TS
Roll off   : 0.20
SNR   : 12.0 dB
Input Power   : -27 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start   : Enabled
IDU Output Power   : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 34.7 dBm
EIRP   : 48.0 dBW
Default CW Frequency: 14.125980 GHz
ATM mode   : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State   : On (DVB-RCS)
IDU Output Power   : -20.6 dBm
ODU Output Power   : 34.5 dBm
EIRP   : 47.8 dBW
Es/No   : 11.5 dB
Header Compression : Disabled
Timing correction   : 74 us (244661 us)
Frequency correction: -120 Hz

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.   10654604020308080 1860000
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   277

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
   0   0   512   51   240   376 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 108879