	TERMO DE ACEITE TÉCNICO
Solicitante: GEE	

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

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

```
      device show
System Information:
   Name          : NSAT-IIEB-III
   Location       : Humaita - AM
   Contact         :
   System Up time    : 0 days, 14:25:12
   CPU Load        : 17%
   System time(UTC)   : 16 July 2018 02:08:38
   Broadcast Message  : not set

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

MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:81:d4
   Satellite (DVB)    : 00:20:0e:10:81:d4

# 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  25.333000    11.592000 DVB-S2 4     0  0.0 E              Yes
* 5  5  30.000000    11.592000 DVB-S2 4     0  0.0 E              Yes
 6  6  25.333333    12.050000 DVB-S2 4     0  0.0 E              Yes
 7  7  30.000000    12.050000 DVB-S2 4     0  0.0 E              Yes
 9  9  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        : 11.592477 GHz
Symbol Rate      : 29.999931 Msps
S2 ModCod
    - receiving   : 14   8PSK-3/4
    - current max : 15   8PSK-5/6
Pilot            : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off         : 0.20
SNR              : 11.4 dB
Input Power      : -27 dBm
# 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   : 34.7 dBm
EIRP             : 48.0 dBW
Default CW Frequency: 14.125980 GHz
ATM mode         : VC-Mux
Header Compression  :  None



Satellite (DVB) Transmitter Status
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State            : On  (DVB-RCS)
IDU Output Power   : -19.8 dBm
ODU Output Power   : 34.6 dBm
EIRP             : 47.9 dBW
Es/No            : 13.0 dB
Header Compression  : Disabled
Timing correction   : 97 us (244784 us)
Frequency correction: -110 Hz


# odu show


Antenna
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Type                    ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller      None
Tx Gain at 14.25 GHz    43.3dB


Transmitter (BUC)
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Type             SatLink 4035 (14.0-14.5 GHz)
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```
ODU Serial No.            106546040203090202600000
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)
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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:
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Channel  CRA[kbps] Allocated[kbps]
   0      0       28


Requested capacity per QoS class:
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Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
   0      0       512       51        30       188 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   0
```