EMC EMERGING MARKETS COMMUNICATIONS	# TERMO DE ACEITE TÉCNICO

Solicitante: NSAT

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

Empresa EMC Brasil	**VSAT-ID** NSAT-SUP-LABREA	**Link kbps** 256k/128k	**Plataforma** VSAT

```
# device show
System Information:
    Name                : NSAT-SUP-LABREA
    Location            : LABREA - AM
    Contact             :
    System Up time      : 1 day, 23:27:54
    CPU Load            : 33%
    System time(UTC)    : 26 July 2017 14:22:27
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:57:94
    Satellite (DVB)     : 00:20:0e:10:57:94

# 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    : 31.3 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-RCS)
IDU Output Power    : -23.4 dBm
ODU Output Power    : 31.0 dBm
EIRP                : 47.7 dBW
Es/No               : 12.0 dB
Header Compression  : Disabled
Timing correction   : -16 us (245626 us)
Frequency correction: -120 Hz
# 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     25.333333       12.050000 DVB-S2 4          0   0.0 E
Yes
  1   1     15.000000       12.059000 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           : 12.049662 GHz
Symbol Rate         : 25.333120 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                 : 14.8 dB
Input Power         : -19 dBm
# 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          512          51            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 5 VBDC timeout 20

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