TERMO DE ACEITE TÉCNICO

Solicitante: HAROLDO

NOC/Operador: Guilherme Cunha	**Cliente: HSVIASAT**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	HSVIASAT-BATATAO	2M/512k	VSAT

```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -18 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 14.125850 GHz
ATM mode            : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
--------------------------------
State               : On  (DVB-RCS)
IDU Output Power    : -18.0 dBm
Es/No               : 13.0 dB
Header Compression  : Disabled
Timing correction   : -28 us (246297 us)
Frequency correction: -40 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    30.000000      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           : 12.049990 GHz
Symbol Rate         : 25.333147 Msps
S2 ModCod
      - receiving   : 18   16APSK-2/3
      - 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                 : 14.7 dB
Input Power         : -29 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                                JRC NJT5037 (14.0-14.5 GHz)
Local oscillator                    13.050000 GHz
DC supply                           24V On

Receiver (LNB)
----------------------------
Type                                JRC NJR2535S (11.70-12.20 GHz)
Local oscillator - LO1              10.750000 GHz
Local oscillator - LO2              10.750000 GHz
Oscillator switching frequency 1-2  13.000000 GHz
13/18V DC supply                    18V

# ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms     HitCount
     1  10   1 Dst port =     1..65535   1141
# 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 Da
ta

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
# ip dns resolve google.com
 Sent to DNS Waiting up to 30 sec ...
                                      Domain name: google.com    IP= 172.217.29.174
```