	TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias	**Cliente: Infortread**

Empresa GEE Brasil	**VSAT-ID** INFORTREAD-EIRU-IPEM	**Link kbps** 1M/512k	**Plataforma** VSAT

```
# device show
System Information:
   Name          : INFORTREAD-EIRU-IPEM
   Location      : EIRUNEP▒ -AM
   Contact       :
   System Up time    : 5 days, 09:12:34
   CPU Load      : 20%
   System time(UTC)   : 12 April 2018 16:20:32
   Broadcast Message   : not set

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

MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:5b:8b
   Satellite (DVB)   : 00:20:0e:10:5b:8b

# 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
 5  5   30.000000      11.592000 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        : 11.592123 GHz
Symbol Rate      : 25.332318 Msps
S2 ModCod
   - receiving  : 14   8PSK-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     : -30 dBm
# dvb tx show

Satellite (DVB) TX Configuration
```

```
--------------------------------
Auto start        : Enabled
IDU Output Power   : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power   : 34.0 dBm
EIRP           : 47.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode         : VC-Mux
Header Compression : None


Satellite (DVB) Transmitter Status
--------------------------------
State          : On  (DVB-RCS)
IDU Output Power   : -19.0 dBm
ODU Output Power   : 34.0 dBm
EIRP           : 47.0 dBW
Es/No          : 10.5 dB
Header Compression : Disabled
Timing correction  : -176 us (245933 us)
Frequency correction: -140 Hz
# odu show

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

Transmitter (BUC)
-------------------------------
Type            SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.        104804040203090604930000
ODU HW Version        4.2
ODU SW Version        1.3
Local oscillator       13.050000 GHz
DC supply          24V On
Temperature         44 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      7

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)