TERMO DE ACEITE TÉCNICO

Solicitante: Imais

NOC/Operador: Wallace Teixeira	**Cliente:** Imais

Empresa EMC Brasil	**VSAT-ID** IMAIS-BAOS_AS	**Link kbps** 2048K/512K	**Plataforma** VSAT

```
System Information:
    Name                : IMAIS-BAOS_AS
    Location            : Barcelos
    Contact             :
    System Up time      : 1 day, 02:22:06
    CPU Load            : 7%
    System time(UTC)    : 12 September 2018 07:46:39
    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:f0
    Satellite (DVB)     : 00:20:0e:10:81:f0




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    10.680000      12.164510 DVB-S2 103          0   0.0 E
Yes


Satellite (DVB) Receiver Status
-------------------------------
Rx State             : On
DVB State            : Forward link up
```

```
Network              : 1326,  Anik G1 Beam
Frequency            : 12.164538 GHz
Symbol Rate          : 10.679961 Msps
S2 ModCod
      - receiving    : 4   QPSK-1/2
      - 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                  : 11.5 dB
Input Power          : -44 dBm




Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 14.478500 GHz
ATM mode             : VC-Mux
Header Compression   :  None




Satellite (DVB) Transmitter Status
----------------------------------
State                : On  (DVB-RCS)
IDU Output Power     : -20.1 dBm
Es/No                : 10.0 dB
Header Compression   : Disabled
Timing correction    : -218 us (268059 us)
Frequency correction: -890 Hz




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

Transmitter (BUC)
-------------------------------
Type                           JRC NJT5017 (14.0-14.5 GHz)
Local oscillator               13.050000 GHz
DC supply                      24V On
```

```
Receiver (LNB)
--------------------------
Type                            Zinwell ZK-VJ1 (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




Capacity parameters per channel:
--------------------------------
Channel  CRA[kbps] Allocated[kbps]
     0         0              28

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 12

VBDC computation interval 200 ms (configured 0)



QOS Policy Table
Grp Cls CrM Pri QLength Drop Timeout Description
  0   0   0   0  400000   0     120 Best Effort
  1   1   1   1   15000   1     120 VoIP Audio
  2   1   1   2    4000   1     120 VoIP Signaling
  3   2   1   5  500000   1     120 VIC Video
  4   2   1   4   50000   1     120 VIC Audio
  5   2   1   3   10000   1     120 VIC Signaling
  6   3   0   6  400000   0     120 Critical Data
QoS MfC Classification table
SubIdx Idx Grp Classification Parms     HitCount


MfC Classification table
Module: PEP (1)
```

```
SubIdx Idx Grp Classification Parms      HitCount
    1  10   1 Dst port =      1..65535   11581
```

64 bytes from
8.8.8.8: time=1590 ms
64 bytes from
8.8.8.8: time=770 ms
64 bytes from
8.8.8.8: time=650 ms
64 bytes from
8.8.8.8: time=640 ms
64 bytes from
8.8.8.8: time=610 ms
64 bytes from
8.8.8.8: time=620 ms
64 bytes from
8.8.8.8: time=620 ms
64 bytes from
8.8.8.8: time=640 ms
64 bytes from
8.8.8.8: time=630 ms
64 bytes from
8.8.8.8: time=770
ms   ---   ping
statistics ---
10 packets transmitted, 10 received, 0.00 percent packet loss rtt
min/avg/max = 610/750/1590 ms