

# TERMO DE ACEITE TÉCNICO

**Solicitante:** IMAIS

**NOC/Operador:** Guilherme Cunha

**Cliente:** IMAIS

**Empresa**  
EMC Brasil

**VSAT-ID**  
IMAS-BAOS\_H

**Link kbps**  
2M/512k

**Plataforma**  
VSAT

```
# device show
System Information:
  Name           : IMAS-BAOS_H
  Location        : BARCELOS - AM
  Contact         :
  System Up time  : 0 days, 13:56:39
  CPU Load        : 16%
  System time(UTC) : 02 July 2018 23:22:09
  Broadcast Message : not set
```

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

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

```
# 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     : 35.7 dBm
EIRP                 : 49.0 dBW
Default CW Frequency: 14.122200 GHz
ATM mode             : VC-Mux
Header Compression   : None
```

Satellite (DVB) Transmitter Status

```
-----
State                : On (DVB-RCS)
IDU Output Power     : -15.9 dBm
ODU Output Power     : 35.2 dBm
EIRP                 : 48.5 dBW
Es/No                : 12.5 dB
Header Compression   : Disabled
Timing correction    : 27 us (244237 us)
Frequency correction : 20 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[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	30.000000	11.592000	DVB-S2	4	0	0.0 E		
Yes									
1	1	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          : 11.592833 GHz
Symbol Rate        : 30.000149 Msps
S2 ModCod
  - receiving      : 7   QPSK-3/4
  - current max    : 19  16APSK-3/4
Pilot              : On
Frame length       : Short
DVB S2 Mode        : ACM
DVB S2 Stream type : MPEG-TS
Roll off           : 0.20
SNR                : 13.3 dB
Input Power        : -29 dBm
#
# ip mfc show
MfC Classification table
Module: QoS (0)
SubIdx Idx Grp Classification Parms      HitCount
   3   0   2 Src port = 5060..5060      0
        Protocols = 17
   3   1   1 DSCP = 46..46              0
        Protocols = 17
   3   2   6 IPDst=189.28.128.103/255.255.255.255 0
   3   3   6 IPDst=200.242.37.74/255.255.255.255 0
   3   5   6 IPDst=200.242.43.202/255.255.255.255 0
   3   6   6 IPDst=189.28.128.121/255.255.255.255 0
   3   7   6 IPDst=189.28.128.111/255.255.255.255 0

Module: PEP (1)
SubIdx Idx Grp Classification Parms      HitCount
   1  10   1 Dst port = 1..65535      99
# 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         0         0 0 Best Effort
   0         1          0          0         0         0 0 VoIP
   0         2          0          0         0         0 0 ViC
   0         3         32          3         0         0 0 Critical Data

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)
# ip dns resolve www.google.com
Sent to DNS Waiting up to 30 sec ...
Domain name: www.google.com    IP= 172.217.1.100
#

```



