



TERMO DE ACEITE TÉCNICO

Solicitante: Imais

NOC/Operador: Wallace Teixeira

Cliente: Imais

Empresa
EMC Brasil

VSAT-ID IMAIS-
MORA_2

Link kbps 1024K/512K

Plataforma VSAT

System Information:

Name : IMAIS-MORA_2
Location : Barcelos - AM
Contact :
System Up time : 0 days, 08:18:03
CPU Load : 11%
System time(UTC) : 29 May 2018 06:38:24
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:c3
Satellite (DVB) : 00:20:0e:10:5f:c3

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	25.333000	11.592000	DVB-S2	4	0	0.0 E
Yes							
* 5	5	30.000000	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 : 11.592401 GHz
Symbol Rate : 30.000175 Msps

S2 ModCod

- receiving : 12 8PSK-3/5
- current max : 21 16APSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 12.9 dB
Input Power : -25 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -16 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 35.7 dBm
EIRP : 49.0 dBW
Default CW Frequency: 14.169950 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -12.9 dBm
ODU Output Power : 35.4 dBm
EIRP : 48.7 dBW
Es/No : 11.5 dB
Header Compression : Disabled
Timing correction : -63 us (244383 us)
Frequency correction: -220 Hz

Antenna

Type : ASC/Andrew/Channel Master Type
123 - 1.2m
Antenna controller : None
Tx Gain at 14.25 GHz : 43.3dB

Transmitter (BUC)

Type : SatLink 4035 (14.0-14.5 GHz)
ODU Serial No. : 106546040204100501130000
ODU HW Version : 4.2
ODU SW Version : 1.3
Local oscillator : 13.050000 GHz
DC supply : 24V On
Temperature : 39 Deg C

Receiver (LNB)

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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

```

Capacity parameters per channel:

```

-----
Channel  CRA[kbps]  Allocated[kbps]
      0           0           223

```

Requested capacity per QoS class:

```

-----
Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs]
Description
      0         0           512           51           188           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)

MfC Classification table

Module: PEP (1)

```

SubIdx Idx Grp Classification ParmS      HitCount
      1  19   1 Dst port =      1..65535   108111

```

No Such Command

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
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```
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
```