TERMO DE ACEITE TÉCNICO

Solicitante: GEE

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

Empresa EMC Brasil	**VSAT-ID** INTERNETSAT-CO-BA	**Link kbps** 4096k/1024k	**Plataforma** VSAT

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System Information:
  Name           : INTERNETSAT-CO-BA
  Location       : Correntina-BA
  Contact        :
  System Up time    : 1 day, 23:06:33
  CPU Load        : 15%
  System time(UTC)    : 16 February 2017 17:53:14
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)    : 00:20:0e:10:8d:f6
  Satellite (DVB)   : 00:20:0e:10:8d:f6




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    9.320000     12.055825 DVB-S2 4      0   0.0 E               Yes

Satellite (DVB) Receiver Status
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Rx State       : On
DVB State        : Forward link up
Network        : 1326,  T14R Beam
Frequency      : 12.055682 GHz
Symbol Rate     : 9.320103 Msps
S2 ModCod
   - receiving  : 15   8PSK-5/6
   - current max : 16   8PSK-8/9
Pilot         : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off        : 0.20
SNR          : 15.2 dB
Input Power      : -32 dBm
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Satellite (DVB) TX Configuration
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Auto start       : Enabled
IDU Output Power    : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 34.3 dBm
EIRP         : 51.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode        : VC-Mux
Header Compression  :  None


Satellite (DVB) Transmitter Status
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State        : On  (DVB-RCS)
IDU Output Power    : -14.6 dBm
ODU Output Power    : 35.0 dBm
EIRP         : 51.7 dBW
Es/No        : 15.5 dB
Header Compression  : Disabled
Timing correction   : -133 us (260206 us)
Frequency correction: -110 Hz



Antenna
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Type                BrasilSat SOB107-18  - 1.8m
Antenna controller         None
Tx Gain at 14.25 GHz       46.7dB

Transmitter (BUC)
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Type                SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.           10480404020309060017000
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)
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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:
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Channel  CRA[kbps] Allocated[kbps]
   0      0        0

Requested capacity per QoS class:
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Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description
0	0	1024	102	0	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)
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MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms   HitCount
   1 10   1 Dst port =   1..65535   1115