TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira | **Cliente: VRTELECOM**

Empresa EMC Brasil	**VSAT-ID** VR_PA_PALMY	**Link kbps** 2048k/512k	**Plataforma** VSAT

```
System Information:
   Name           : VR_PA_PALMY
   Location       : Breu Branco - PA
   Contact        :
   System Up time     : 0 days, 12:52:50
   CPU Load       : 18%
   System time(UTC)    : 08 January 2018 21:23:07
   Broadcast Message   : not set

HW:
   Model          : SatLink 2000
   HW ID          : 120033
   Main board ID     : 120026 R6.1

MAC addresses:
   Ethernet (LAN)     : 00:20:0e:10:48:c8
   Satellite (DVB)    : 00:20:0e:10:48:c8


 Transec not Supported by this device !




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
 6  6   25.333333     12.050000 DVB-S2 4      0   0.0 E
Yes
 7  7   30.000000     12.050000 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        : 12.050131 GHz
Symbol Rate      : 30.000966 Msps
S2 ModCod
    - receiving   : 15   8PSK-5/6
    - 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              : 15.0 dB
Input Power      : -30 dBm




Satellite (DVB) TX Configuration
-------------------------------
Auto start       : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.7 dBm
EIRP             : 47.0 dBW
Default CW Frequency: 14.125500 GHz
ATM mode         : VC-Mux
Header Compression  :  None




Satellite (DVB) Transmitter Status
-------------------------------
State            : On  (DVB-RCS)
IDU Output Power    : -14.8 dBm
ODU Output Power    : 33.5 dBm
EIRP             : 46.8 dBW
Es/No            : 14.5 dB
Header Compression  : Disabled
Timing correction   : -82 us (245723 us)
Frequency correction: 50 Hz

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

Transmitter (BUC)
-------------------------------
Type                SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.         10480404020309060147000
ODU HW Version         4.2
ODU SW Version         1.3
Local oscillator       13.050000 GHz
DC supply              24V On
Temperature            36 Deg C
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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




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 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  10   1 Dst port =    1..65535   49270


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
```