TERMO DE ACEITE TÉCNICO

Solicitante: EMC

NOC/Operador: Bruno Carvalho de Sá | **Cliente: ITT**

Empresa	VSAT-ID	Link kbps	Plataforma
EMC Brasil	ITT-CRISTALANDIA-PI	4M/1M – 1/20	VSAT

```
SatLink 2000
- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.1 Build 57
# device show
System Information:
    Name                : ITT-CRISTALANDIA-PI
    Location            : Cristalandia do Piau - PI
    Contact             :
    System Up time      : 15 days, 13:42:28
    CPU Load            : 16%
    System time(UTC)    : 17 May 2017 13:38:02
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:72:57
    Satellite (DVB)     : 00:20:0e:10:72:57


# dvb rx show

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
* 9  9    15.000000      12.059000 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           : 12.058963 GHz
Symbol Rate         : 15.000207 Msps
S2 ModCod
     - receiving     : 15   8PSK-5/6
     - 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                 : 12.7 dB
Input Power         : -30 dBm
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```
# dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -21 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 34.0 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      : -19.0 dBm
ODU Output Power      : 34.1 dBm
EIRP                  : 47.1 dBW
Es/No                 : 11.5 dB
Header Compression    : Disabled
Timing correction     : -129 us (252958 us)
Frequency correction: -160 Hz

# ip dns show
DNS Client Configuration
  DNS Server        Sent Received
         4.2.2.2       18      12
         8.8.8.8       36      24

# ip dhcp show

DHCP Server Status
------------------------------------------
Server Status              : Enabled
Server IP address          : 10.47.6.97
Server IP address range    :
        Starting IP address : 10.47.6.98
        Ending IP address   : 10.47.6.102
No of IP addresses excluded : 0
Lease Time                 : 1 Week 0 Hours 0 Minutes 0 Seconds
Primary DNS server         : 10.47.6.97

DHCP Manual Binding Entries
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IP Address      HW-Type  ClientID-Type  MAC/ClientID

DHCP Client Table
-----------------
Host Name       IP Address      HW-Type  ClientID-Type  MAC/ClientID                    Lease
expires
------------------------------------------------------------------------

TFTP Server Details
Not configured
```