	EMC EMERGING MARKETS COMMUNICATIONS	**TERMO DE ACEITE TÉCNICO**

Solicitante: GEE

NOC/Operador: Bruno Carvalho de Sá	**Cliente: Disktel**

Empresa	**VSAT-ID**	**Link kbps**	**Plataforma**
EMC Brasil	Disktel-Tarcisio	512k/256k	VSAT

```
device show
System Information:
    Name                : DISKTEL-TARCISIO
    Location            : Novo Progresso - PA
    Contact             :
    System Up time      : 0 days, 05:38:39
    CPU Load            : 13%
    System time(UTC)    : 19 February 2017 21:17:22
    Broadcast Message   : not set

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

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:61:22
    Satellite (DVB)     : 00:20:0e:10:61:22

#

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
* 0  0     9.320000      12.055825 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           : 12.055868 GHz
Symbol Rate         : 9.319970 Msps
S2 ModCod
      - receiving   : 15   8PSK-5/6
      - current max : 14   8PSK-3/4
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 9.7 dB
Input Power         : -41 dBm
#
```

```
dvb tx show

Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -14 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 35.7 dBm
EIRP                : 49.0 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    : -13.9 dBm
ODU Output Power    : 35.7 dBm
EIRP                : 49.0 dBW
Es/No               : 9.5 dB
Header Compression  : Disabled
Timing correction   : -73 us (257144 us)
Frequency correction: -30 Hz
#

odu show

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 4033 (14.0-14.5 GHz)
ODU Serial No.                  104804040203080603260000
ODU HW Version                  4.2
ODU SW Version                  1.3
Local oscillator                13.050000 GHz
DC supply                       24V On
Temperature                     40 Deg C


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


ip qos show
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
     3   0   2 IPDst=212.21.57.45/255.255.255.255  270
```

```
              Dst port =  5060..5060
              Protocols = 17
    3   1   1 IPDst=212.21.57.45/255.255.255.255  0
              DSCP = 46..46
              Protocols = 17
#



ip pep show
PEP Status              : enabled
PEP TCP Mode            : Transparent Mode

Func   Max(Allowed)     Total  Current   Transp   Failed  MAX Pep since start
 TCP   500(   4050)     10010       86        0        0                   253

TCP Packet statistics:
  Rx=558672, Out of seq=1350, Duplicates=4
  Tx=436882, Sat Retransmitted=176,Lan Retransmitted=7562
#


IP DVB 172.18.192.104 /32
```