

TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Bruno Carvalho de Sá

Cliente: Disktel

Empresa
EMC Brasil

VSAT-ID
Disktel-Ronaldo

Link kbps
2M/512k

Plataforma
VSAT

System Information:

Name : DISKTEL-RONALDO
Location : Alta Floresta-MT
Contact :
System Up time : 0 days, 00:22:13
CPU Load : 17%
System time(UTC) : 19 February 2017 20:55:53
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:61:4f
Satellite (DVB) : 00:20:0e:10:61:4f

dvb rx show

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	10.680000	12.164510	DVB-S2	103	0	0.0 E		
Yes									
1	1	0.000000	0.000000	DVB-S2	2	0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.164393 GHz
Symbol Rate : 10.680080 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 10.4 dB
Input Power : -38 dBm
#

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 34.7 dBm
EIRP : 48.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -13.5 dBm
ODU Output Power : 34.4 dBm
EIRP : 47.7 dBW
Es/No : 11.0 dB
Header Compression : Disabled
Timing correction : -334 us (272048 us)
Frequency correction: -1020 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. 104804040203090705240000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Temperature 41 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

#

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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
#

# 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)      3580    152       0        0        300

TCP Packet statistics:
  Rx=77223, Out of seq=351, Duplicates=10
  Tx=62536, Sat Retransmitted=127,Lan Retransmitted=2406
#

IP DVB 172.18.194.155 /32

```