

TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Bruno Carvalho de Sá

Cliente: Disktel

Empresa
EMC Brasil

VSAT-ID
Disktel-Palmari

Link kbps
1M/512k

Plataforma
VSAT

System Information:

Name : DISKTEL-PALMARI
Location : Atalaia-AM
Contact :
System Up time : 1 day, 21:09:51
CPU Load : 9%
System time(UTC) : 19 February 2017 20:22:31
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:58:41
Satellite (DVB) : 00:20:0e:10:58:41

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
0	0	9.320000	12.055825	DVB-S2 4		0	0.0 E		

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.055986 GHz
Symbol Rate : 9.320067 Msp/s
S2 ModCod
- receiving : 14 8PSK-3/4
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 11.9 dB
Input Power : -37 dBm
#

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 32.7 dBm
EIRP : 46.0 dBW
Default CW Frequency: 14.125650 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -15.3 dBm
ODU Output Power : 32.7 dBm
EIRP : 46.0 dBW
Es/No : 10.0 dB
Header Compression : Disabled
Timing correction : 331 us (256526 us)
Frequency correction: 0 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. 104804040204090402200000
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
--------	-----	-----	----------------	-------	----------

#

```
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)	92882	38	106	0	501

TCP Packet statistics:

Rx=7518593, Out of seq=90678, Duplicates=295

Tx=6110717, Sat Retransmitted=19201,Lan Retransmitted=38786

IP DVB 172.18.192.84 /32