

TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Bruno Carvalho de Sá

Cliente: Disktel

Empresa
EMC Brasil

VSAT-ID
Disktel-Novo_Progresso

Link kbps
1M/512k

Plataforma
VSAT

System Information:

Name : DISKTEL-NOVO-PROGRESSO
Location : Novo Progresso - PA
Contact :
System Up time : 0 days, 02:41:30
CPU Load : 21%
System time(UTC) : 19 February 2017 19:27:37
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:60:aa
Satellite (DVB) : 00:20:0e:10:60:aa

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
0	0	10.680000	12.164510	DVB-S2	103	0	0.0 E		

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.164365 GHz
Symbol Rate : 10.680008 Msps
S2 ModCod
- receiving : 13 8PSK-2/3
- current max : 13 8PSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.25
SNR : 8.6 dB
Input Power : -38 dBm

Satellite (DVB) TX Configuration

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Auto start           : Enabled
IDU Output Power     : -20 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : 33.2 dBm
EIRP                 : 46.5 dBW
Default CW Frequency: 14.131100 GHz
ATM mode             : VC-Mux
Header Compression   : None
  
```

Satellite (DVB) Transmitter Status

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-----
State                : On   (DVB-RCS)
IDU Output Power     : -16.5 dBm
ODU Output Power     : 33.4 dBm
EIRP                 : 46.7 dBW
Es/No                : 8.0 dB
Header Compression   : Disabled
Timing correction    : -352 us (272048 us)
Frequency correction: -850 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)

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-----
Type                  SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.        104804040203090406090000
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)

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-----
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
  
```

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	Src port =	5060..5060	1838
			Protocols =	17	
3	1	1	IPDst=200.98.211.74/255.255.255.255		0

```
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)	0	0	0	0	0

```
TCP Packet statistics:
  Rx=0, Out of seq=0, Duplicates=0
  Tx=0, Sat Retransmitted=0,Lan Retransmitted=0
```

```
IP DVB 172.18.194.141 /32
```