



TERMO DE ACEITE TÉCNICO

Solicitante: Global Eagle

NOC/Operador: Guilherme Henrique

Cliente: GDK

Empresa
Global Eagle

VSAT-ID
GDK-ITBA

Link kbps
1M/512k

Plataforma
VSAT

SatLink 2000

- Main board ID 120026, Revision R6.2

- SW 120810 17.0.4 Build 114

device show

System Information:

Name : GDK-ITBA
Location : Itaituba - PA
Contact :
System Up time : 0 days, 03:45:31
CPU Load : 27%
System time(UTC) : 29 November 2018 20:34:28
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:5f:58
Satellite (DVB) : 00:20:0e:10:5f:58

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Signalling MODCOD : 23 16APSK-9/10
Max Traffic MODCOD : 28 32APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	10.680000	12.164510	DVB-S2	103	0	0.0 E		

Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.164787 GHz
Symbol Rate : 10.680071 Msp/s
S2 ModCod
- receiving : 19 16APSK-3/4
- current max : 19 16APSK-3/4
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 : -33 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
BUPC status : Disabled
IDU Output Power : -16 dBm
IDU Max Output Power: -1.0 dBm
ODU Output Power : 34.7 dBm
EIRP : 48.0 dBW
Default CW Frequency: 14.167650 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -16.2 dBm
ODU Output Power : 34.3 dBm
EIRP : 47.6 dBW
Es/No : 9.5 dB
Header Compression : Disabled
Timing correction : -157 us (271906 us)
Frequency correction: -1340 Hz
ip pep show
PEP Status : enabled
PEP RTO Set to : 5 seconds
PEP VER set : REL_16_VERSION

Func	Max(Allowed)	Total	Current	Transp	Failed	MAX Pep since start
TCP	500 (4050)	24372	46	0	0	335

TCP Packet statistics	Satellite	LAN
RX	359743	54179
Out of seq	7093	13625
Duplicates	0	35
TX	52108	346054
Retransmitted	1259	43695

sw show

SW versions:

Boot : 14.0.1.19
Current Appl : 17.0.4.114
Firmware : 469
Backup : 16.0.1.57
HUB SW version : 16.1.2

Manual SW upgrade settings:

Server IP addr : 10.10.1.1
File name : new.tgz

Automatic SW upgrade settings:

Activated : No
PID : 511
IP address : 224.0.1.59
Port No. : 57001

Licenses for SW options:

GRE
PEP-TCP
QOS-4
RAC
VLAN
DVBS2-16APSK
TRANSEC

odu show

Antenna

Type ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller None
Tx Gain 43.3dB

Transmitter (BUC)

Type SatLink 4035 (14.0-14.5 GHz)
ODU Serial No. 106546040204100500410000
ODU HW Version 4.2
ODU SW Version 1.3
Local oscillator 13.050000 GHz
DC supply 24V On
Reference 10Mhz On
Temperature 45 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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