



TERMO DE ACEITE TÉCNICO

Solicitante: Global Eagle

NOC/Operador: Jefferson de Souza Marques

Cliente: GDK

Empresa
Global Eagle

VSAT-ID
GDK-SARO_I

Link kbps
4M/1M – 1/20

Plataforma
VSAT

device show

System Information:

Name : GDK-SARO_I
Location : Santa Izabel do Rio Negro - AM
Contact :
System Up time : 0 days, 05:17:32
CPU Load : 24%
System time (UTC) : 24 August 2018 22:20:26
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:94:14
Satellite (DVB) : 00:20:0e:10:94:14

sw show

SW versions:

Boot : 14.0.1.19
Current : 16.0.1.57
Backup : 15.0.6.62

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

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)	13390	20	0	0	234

TCP Packet statistics:

Rx=1519773, Out of seq=1044, Duplicates=0
Tx=1136974, Sat Retransmitted=917, Lan Retransmitted=1449

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									

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.164524 GHz
Symbol Rate : 10.680026 Msps
S2 ModCod
- receiving : 18 16APSK-2/3
- current max : 18 16APSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 11.7 dB
Input Power : -40 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 : 39.0 dBm
EIRP : 52.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -6.2 dBm
ODU Output Power : 34.2 dBm
EIRP : 47.2 dBW
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : -279 us (266856 us)
Frequency correction: -930 Hz

odu show

Antenna

Type : BrasilSat SOB107-12 - 1.2m
Antenna controller : None
Tx Gain at 14.25 GHz : 43.0dB

Transmitter (BUC)

Type : SatLink 4033 (14.0-14.5 GHz)
ODU Serial No. : 104804040203090708890000
ODU HW Version : 4.2
ODU SW Version : 1.3
Local oscillator : 13.050000 GHz
DC supply : 24V On

Temperature 42 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

dvb cr show

Capacity parameters per channel:

Channel	CRA[kbps]	Allocated[kbps]
0	0	21

Requested capacity per QoS class:

Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description
0	0	1024	102	4	0	Best Effort
0	1	0	0	0	0	VoiP
0	2	0	0	0	0	ViC
0	3	32	3	0	0	Critical Data

RBDC timeout 5 VBDC timeout 12

VBDC computation interval 200 ms (configured 0)

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Default CW Frequency: 0.000000 GHz

ATM mode : VC-Mux

Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -22.0 dBm
Es/No : 11.5 dB
Header Compression : Disabled
Timing correction : 0 us (244798 us)
Frequency correction: 140 Hz

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