TERMO DE ACEITE TÉCNICO

Solicitante: GEE			
NOC/Operador: Wallace Teixeira		**Cliente: HSVIASAT**	
Empresa EMC Brasil	**VSAT-ID** HSVIASAT-C-OIAPOQUE	**Link kbps** 2M/512k	**Plataforma** VSAT

System Information:
Name : HSVIASAT-C-OIAPOQUE
Location : Oiapoque- AP
Contact :
System Up time : 0 days, 00:41:04
CPU Load : 42%
System time(UTC) : 07 February 2018 22:11:14
Broadcast Message : not set

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

MAC addresses:
Ethernet (LAN) : 00:20:0e:10:5b:64
Satellite (DVB) : 00:20:0e:10:5b:64

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Msps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name	Enable
* 0	0	30.000000	12.050000	DVB-S2 4	0	0.0 E			Yes	
1	1	25.333333	12.050000	DVB-S2 4	0	0.0 E			Yes	

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.049981 GHz
Symbol Rate : 29.999843 Msps
S2 ModCod
- receiving : 18 16APSK-2/3

- current max : 22 16APSK-8/9
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 15.1 dB
Input Power : -22 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 14.125750 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -18.2 dBm
Es/No : 15.0 dB
Header Compression : Disabled
Timing correction : -81 us (245285 us)
Frequency correction: 30 Hz

Antenna

Type Prodelin Series 1184 1.8m
Antenna controller None
Tx Gain at 14.25 GHz 46.5dB

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

Receiver (LNB)

Type JRC NJR2535S (11.70-12.20 GHz)
Local oscillator - LO1 10.750000 GHz
Local oscillator - LO2 10.750000 GHz
Oscillator switching frequency 1-2 13.000000 GHz
13/18V DC supply 18V

Capacity parameters per channel:

Channel CRA[kbps] Allocated[kbps]
0 0 14

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 512 51 2 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 20

VBDC computation interval 200 ms (configured 0)

MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms HitCount
1 19 1 Dst port = 1..65535 818

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

64 bytes from 8.8.8.8: time=1590 ms
64 bytes from 8.8.8.8: time=770 ms
64 bytes from 8.8.8.8: time=650 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=610 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=620 ms
64 bytes from 8.8.8.8: time=640 ms
64 bytes from 8.8.8.8: time=630 ms
64 bytes from 8.8.8.8: time=770 ms

--- ping statistics --- 10 packets transmitted, 10 received, 0.00 percent packet loss
rtt min/avg/max = 610/750/1590 ms