	TERMO DE ACEITE TÉCNICO
Solicitante: GEE	

NOC/Operador: Wallace Teixeira	**Cliente: HSVIASAT**

Empresa EMC Brasil	**VSAT-ID** HSVIASAT-EUGENIO_JURUDI	**Link kbps** 2M/512K	**Plataforma** VSAT

device show
System Information:
  Name   : HSVIASAT-EUGENIO_JURUDI
  Location   : juruti-pa
  Contact   :
  System Up time   : 0 days, 01:41:27
  CPU Load   : 22%
  System time(UTC)   : 24 July 2018 00:56:13
  Broadcast Message : not set

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

MAC addresses:
  Ethernet (LAN)   : 00:20:0e:10:5c:6c
  Satellite (DVB)   : 00:20:0e:10:5c:6c

dvb rx show

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	11.592000	DVB-S2	4	0	0.0 E			Yes
1	1	25.333333	12.050000	DVB-S2	4	0	0.0 E			No
6	6	25.333333	12.050000	DVB-S2	4	0	0.0 E			Yes
7	7	30.000000	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   : 11.591981 GHz

Symbol Rate   : 30.000203 Msps
S2 ModCod
    - receiving   : 21   16APSK-5/6
    - current max : 21   16APSK-5/6
Pilot   : On
Frame length   : Short
DVB S2 Mode   : ACM
DVB S2 Stream type : MPEG-TS
Roll off   : 0.20
SNR   : 13.7 dB
Input Power   : -36 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start   : Enabled
IDU Output Power   : -19 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   : -19.1 dBm
Es/No   : 13.0 dB
Header Compression : Disabled
Timing correction   : 76 us (244654 us)
Frequency correction: -50 Hz
odu show

Antenna

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

Transmitter (BUC)

Type   JRC NJT5037 (14.0-14.5 GHz)
Local oscillator   13.050000 GHz
DC supply   24V On

Receiver (LNB)

Type   Zinwell ZK-VJ1 (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   28

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
   0   0   512   51   10   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)
ip mfc show
MfC Classification table
Module: PEP (1)
SubIdx Idx Grp Classification Parms   HitCount
   1 10   1 Dst port =   1..65535   13210
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