



TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Rogério Frias

Cliente: Imais

Empresa	VSAT-ID	Link kbps	Plataforma
Global Eagle Entertainment	IMAIS-BAOS_XI	4096k/1024k	VSAT

device show

System Information:

Name : IMAIS-BAOS_XI
Location : Barcelos - AM
Contact :
System Up time : 0 days, 00:02:40
CPU Load : 19%
System time(UTC) : 16 June 2017 14:00:31
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:64:b0
Satellite (DVB) : 00:20:0e:10:64:b0

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	15.000000	12.059000	DVB-S2 4	0	0.0	E		Yes	
1	1	9.320000	12.055825	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 : 12.059372 GHz
Symbol Rate : 14.999979 Msps
S2 ModCod

- receiving : 12 8PSK-3/5
- current max : 20 16APSK-4/5

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 14.0 dB
Input Power : -26 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 : 34.3 dBm
EIRP : 51.0 dBW
Default CW Frequency: 14.125850 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -16.6 dBm
ODU Output Power : 34.3 dBm
EIRP : 51.0 dBW
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -229 us (249857 us)
Frequency correction: -80 Hz

odu show

Antenna

Type BrasilSat SOB107-18 - 1.8m
Antenna controller None
Tx Gain at 14.25 GHz 46.7dB

Transmitter (BUC)

Type SatLink 4035 (14.0-14.5 GHz)
ODU Serial No. 106546040204133214600000
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 14

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 1024 102 6 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
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1	10	1	Dst port =	1..65535	4
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