

TERMO DE ACEITE TÉCNICO

Solicitante: NSAT

NOC/Operador: Leonardo Martins Silva

Cliente: William Amaral

Empresa
EMC Brasil

VSAT-ID
NSAT-FUNAI-IAURETE

Link kbps
4M/1M

Plataforma
VSAT

device show

System Information:

Name : NSAT-FUNAI-IAURETE
Location : SÃO GABRIEL DA CACHOEIRA / AM
Contact :
System Up time : 0 days, 01:58:20
CPU Load : 11%
System time(UTC) : 29 September 2018 16:57:12
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:71:5e
Satellite (DVB) : 00:20:0e:10:71:5e

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -15 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 34.7 dBm
EIRP : 48.0 dBW
Default CW Frequency: 14.162300 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -14.4 dBm
ODU Output Power : 33.9 dBm
EIRP : 47.2 dBW
Es/No : 12.0 dB
Header Compression : Disabled
Timing correction : -82 us (244357 us)
Frequency correction: -240 Hz

dvb rx show

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Msp/s]	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	25.333000	11.592000	DVB-S2 4		0	0.0 E		
Yes									

Satellite (DVB) Receiver Status

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Rx State                : On
DVB State               : Forward link up
Network                 : 1326, T14R Beam
Frequency               : 11.593160 GHz
Symbol Rate            : 29.999667 Msp/s
S2 ModCod
- receiving            : 7   QPSK-3/4
- 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                     : 12.5 dB
Input Power             : -31 dBm
# odu show

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Antenna

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Type                    ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller      None
Tx Gain at 14.25 GHz    43.3dB

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Transmitter (BUC)

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-----
Type                    SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.          104804040203081202790000
ODU HW Version           4.2
ODU SW Version           1.3
Local oscillator         13.050000 GHz
DC supply                24V On
Temperature              49 Deg C

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Receiver (LNB)

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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:

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

```

Requested capacity per QoS class:

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-----
Channel  CRClass  MaxRBDC[kbps]  MaxVBDC[kB]  RateReq[kbps]  VolReq[octs]  Description
      0           0          1024          102         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)

#