

TERMO DE ACEITE TÉCNICO

Solicitante: HSVIASAT

NOC/Operador: Guilherme Cunha

Cliente: HSVIASAT

Empresa
EMC Brasil

VSAT-ID
HSVIASAT-CCM

Link kbps
256k/128k

Plataforma
VSAT

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 32.0 dBm
EIRP : 49.0 dBW
Default CW Frequency: 14.125750 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -24.2 dBm
ODU Output Power : 32.1 dBm
EIRP : 49.1 dBW
Es/No : 14.0 dB
Header Compression : Disabled
Timing correction : -79 us (245696 us)
Frequency correction: -180 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[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name
Enable									
* 0	0	25.333333	12.050000	DVB-S2 4		0	0.0 E		
Yes									
1	1	15.000000	12.059000	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 : 12.050199 GHz
Symbol Rate : 25.333155 Msps
S2 ModCod
- receiving : 18 16APSK-2/3
- 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 : 14.2 dB
Input Power : -22 dBm
odu show

Antenna

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Type                               ASC/Andrew/Channel Master Type 184 - 1.8m
Antenna controller                 None
Tx Gain at 14.25 GHz              47.0dB

Transmitter (BUC)
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Type                               SatLink 4033 (14.0-14.5 GHz)
ODU Serial No.                    104804040204090400190000
ODU HW Version                    4.2
ODU SW Version                    1.3
Local oscillator                  13.050000 GHz
DC supply                        24V On
Temperature                      45 Deg C

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
# ip dns resolve www.google.com
Sent to DNS Waiting up to 30 sec ... Domain name: www.google.com    IP= 172.217.10.4
```