prodemge

TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais

NOC/Operadora: Ermínio Alves Ribeiro Junior	**Operadora/Cliente:** **Sandro Santana**
GRE/Prodemge: Aguinaldo de Matos	**Responsável/cliente:** Nadir Fonseca

Consórcio	**VSAT-ID**	**Porta kbps**	**Plataforma**
STM/Vodanet	SES-ITCU-6247	384/153	VSAT
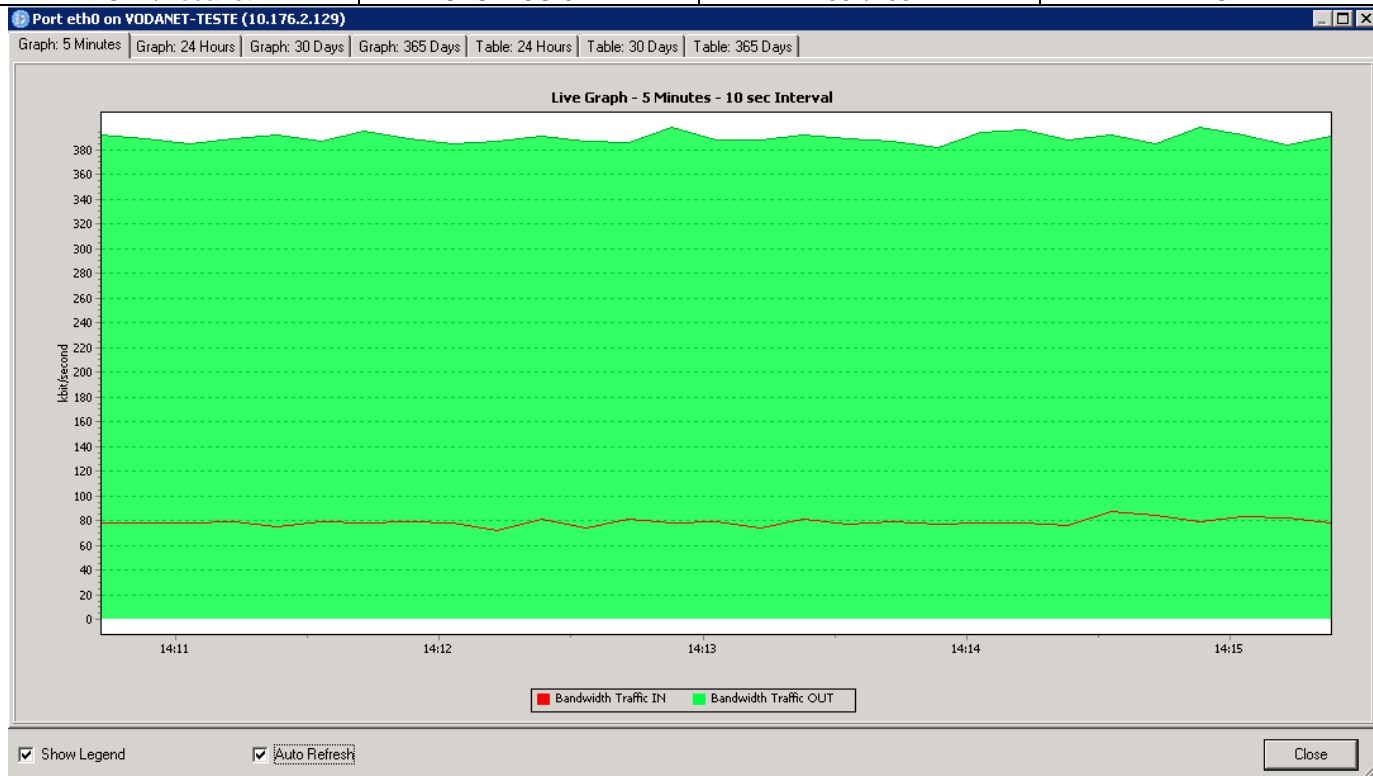

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU Output Power     : -30 dBm
IDU Max Output Power : 0.0 dBm
ODU Output Power     : max
EIRP                 : max
Default CW Frequency : 0.000000 GHz
ATM mode             : VC-Mux
Header Compression   : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                : On (TDMA)
IDU Output Power     : -20.2 dBm
ODU Output Power     : 33.6 dBm
EIRP                 : 46.9 dBW
Es/No                : 12.0 dB
Header Compression   :  DSM-CC
Timing correction    : 19 us (252391 us)
Frequency correction : -330 Hz
```

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute


Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0  0    45.000000      11.606250  DVB-S2 3        Yes
  1  1    0.000000       0.000000   DVB-S2 2        Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.606273 GHz
Symbol Rate         : 44.999745 Msps
S2 ModCod
        - receiving   : 4   QPSK-1/2
        - current max : 15  8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.20
SNR                 : 12.6 dB
Input Power         : -25 dBm
```

IP DVB 10.148.6.229/32

```
Pinging 10.176.2.129 with 32 bytes of data:

Reply from 10.176.2.129: bytes=32 time=1727ms TTL=62
Reply from 10.176.2.129: bytes=32 time=549ms TTL=62
Reply from 10.176.2.129: bytes=32 time=548ms TTL=62
Reply from 10.176.2.129: bytes=32 time=565ms TTL=62
Reply from 10.176.2.129: bytes=32 time=570ms TTL=62
Reply from 10.176.2.129: bytes=32 time=579ms TTL=62
Reply from 10.176.2.129: bytes=32 time=545ms TTL=62
Reply from 10.176.2.129: bytes=32 time=594ms TTL=62
Reply from 10.176.2.129: bytes=32 time=601ms TTL=62
Reply from 10.176.2.129: bytes=32 time=543ms TTL=62


Ping statistics for 10.176.2.129:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 543ms, Maximum = 1727ms, Average = 682ms
```