



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Diego Lemos

GRE/Prodemge: Douglas Alvares

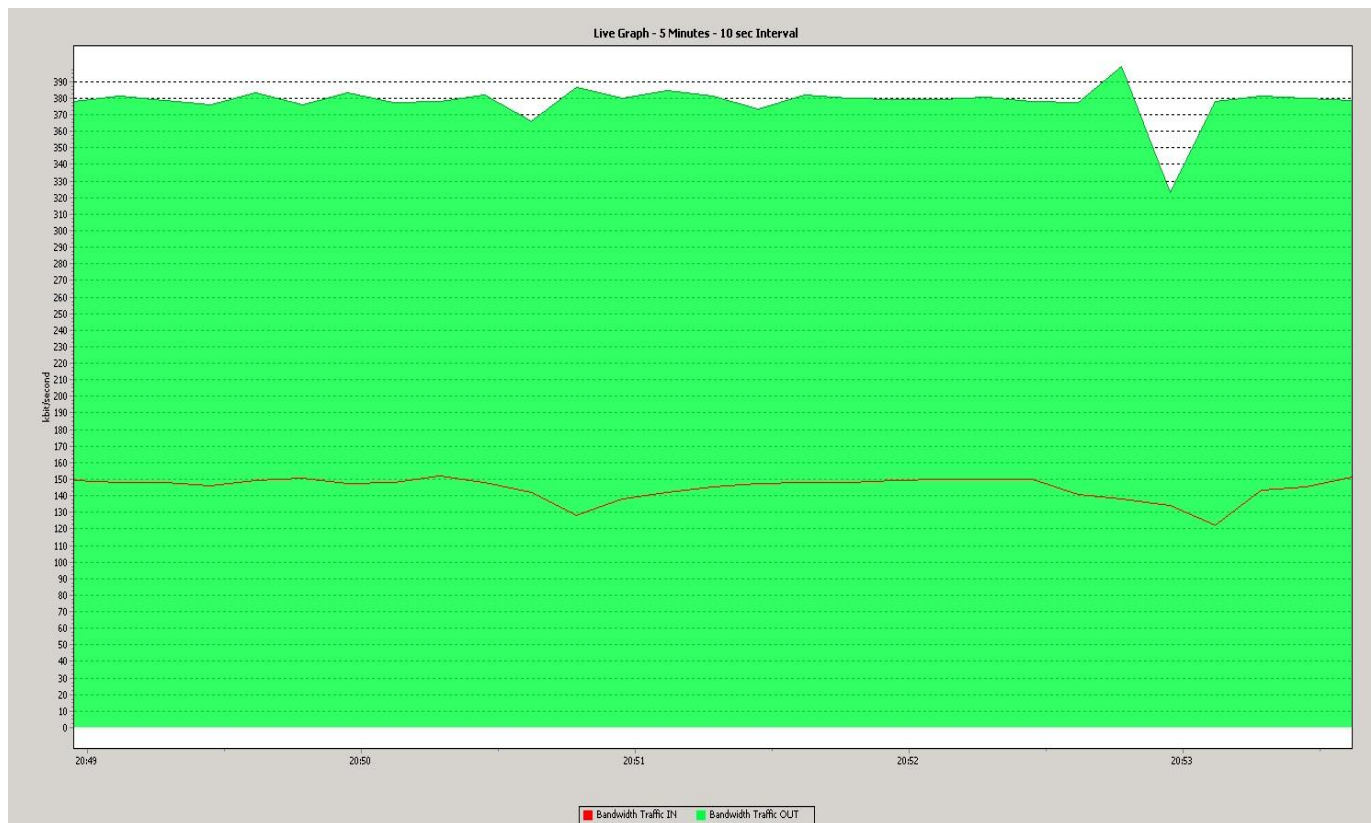
Responsável/cliente: Eliane Maria

Consórcio
STM/Vodanet

VSAT-ID
SES-OLIA-4611

Porta kbps
384/153

Plataforma
VSAT



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[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606563 GHz
Symbol Rate : 44.999750 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 13 8PSK-2/3
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 9.4 dB
Input Power : -35 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 28.7 dBm
EIRP : 42.0 dBW
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 : -19.0 dBm
ODU Output Power : 28.8 dBm
EIRP : 42.1 dBW
Es/No : 5.5 dB
Header Compression : DSM-CC
Timing correction : 462 us (252240 us)
Frequency correction: 140 Hz

IP DVB: 10.148.0.2/32

C:\>ping -n 10 10.173.49.1

Pinging 10.173.49.1 with 32 bytes of data:

Reply from 10.173.49.1: bytes=32 time=593ms TTL=62
Reply from 10.173.49.1: bytes=32 time=529ms TTL=62
Reply from 10.173.49.1: bytes=32 time=629ms TTL=62
Reply from 10.173.49.1: bytes=32 time=551ms TTL=62
Reply from 10.173.49.1: bytes=32 time=655ms TTL=62
Reply from 10.173.49.1: bytes=32 time=582ms TTL=62
Reply from 10.173.49.1: bytes=32 time=689ms TTL=62
Reply from 10.173.49.1: bytes=32 time=608ms TTL=62
Reply from 10.173.49.1: bytes=32 time=535ms TTL=62
Reply from 10.173.49.1: bytes=32 time=643ms TTL=62

Ping statistics for 10.173.49.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 529ms, Maximum = 689ms, Average = 601ms