



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Fabricio de Oliveira

GRE/Prodemge: Douglas Alvares

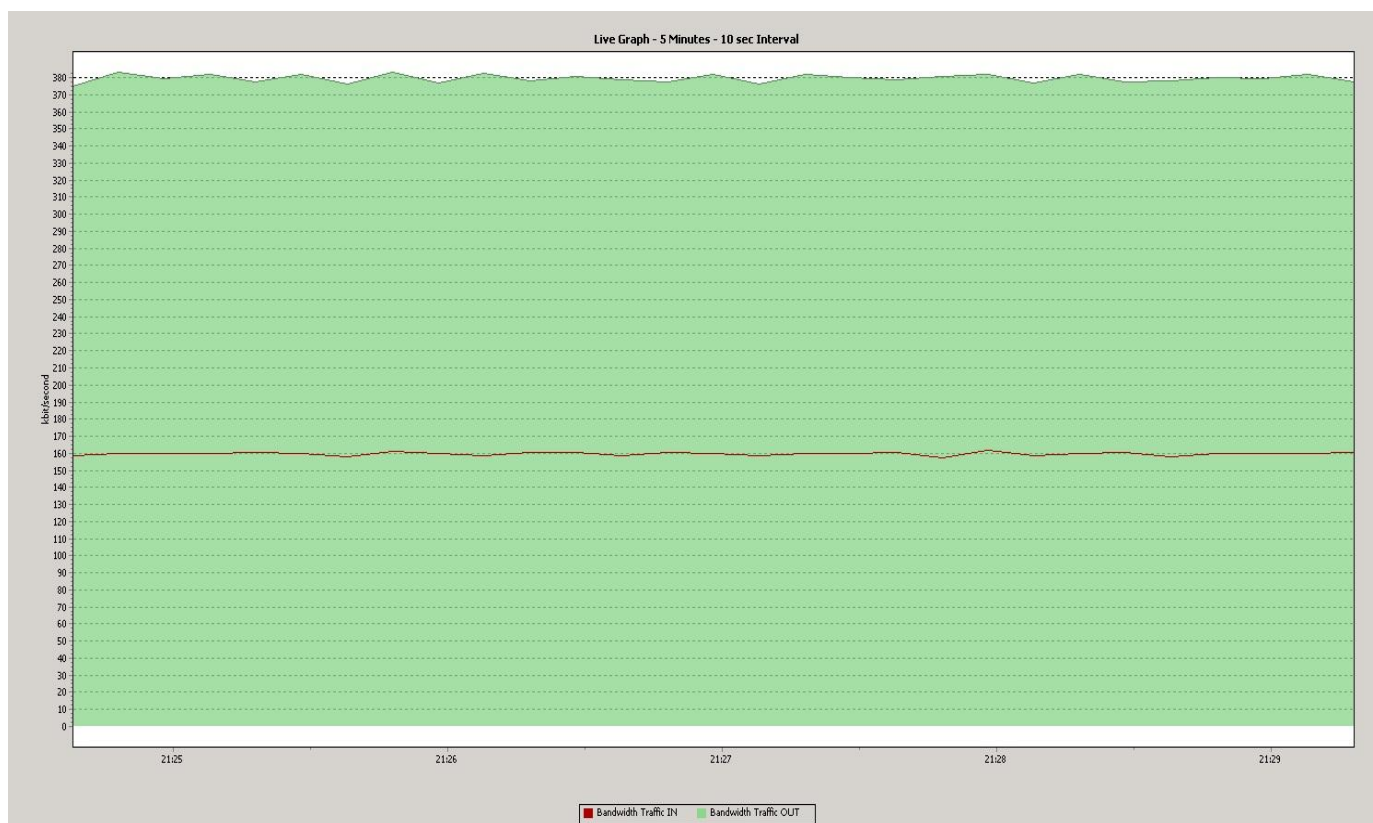
Responsável/cliente: José Francisco

Consórcio
STM/Vodanet

VSAT-ID
SES-ARTA-4497

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[Msp/s]	Freq[GHz]	Mode	PopId	Enable
* 0	0	45.000000	11.606250	DVB-S2	3	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.606796 GHz
Symbol Rate : 45.000143 Msp/s
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 : 10.1 dB
Input Power : -22 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -30 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.2 dBm
EIRP : 46.5 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 : -18.8 dBm
ODU Output Power : 33.0 dBm
EIRP : 46.3 dBW
Es/No : 14.0 dB
Header Compression : DSM-CC
Timing correction : 145 us (252087 us)
Frequency correction: 50 Hz

IP DVB: 10.148.5.243/32

Pinging 10.172.176.1 with 32 bytes of data:

Reply from 10.172.176.1: bytes=32 time=553ms TTL=62
Reply from 10.172.176.1: bytes=32 time=559ms TTL=62
Reply from 10.172.176.1: bytes=32 time=567ms TTL=62
Reply from 10.172.176.1: bytes=32 time=568ms TTL=62
Reply from 10.172.176.1: bytes=32 time=580ms TTL=62
Reply from 10.172.176.1: bytes=32 time=585ms TTL=62
Reply from 10.172.176.1: bytes=32 time=532ms TTL=62
Reply from 10.172.176.1: bytes=32 time=599ms TTL=62
Reply from 10.172.176.1: bytes=32 time=608ms TTL=62
Reply from 10.172.176.1: bytes=32 time=523ms TTL=62

Ping statistics for 10.172.176.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 523ms, Maximum = 608ms, Average = 567ms