



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Paulo Henrique dos Santos

GRE/Prodemge: Douglas Alvares

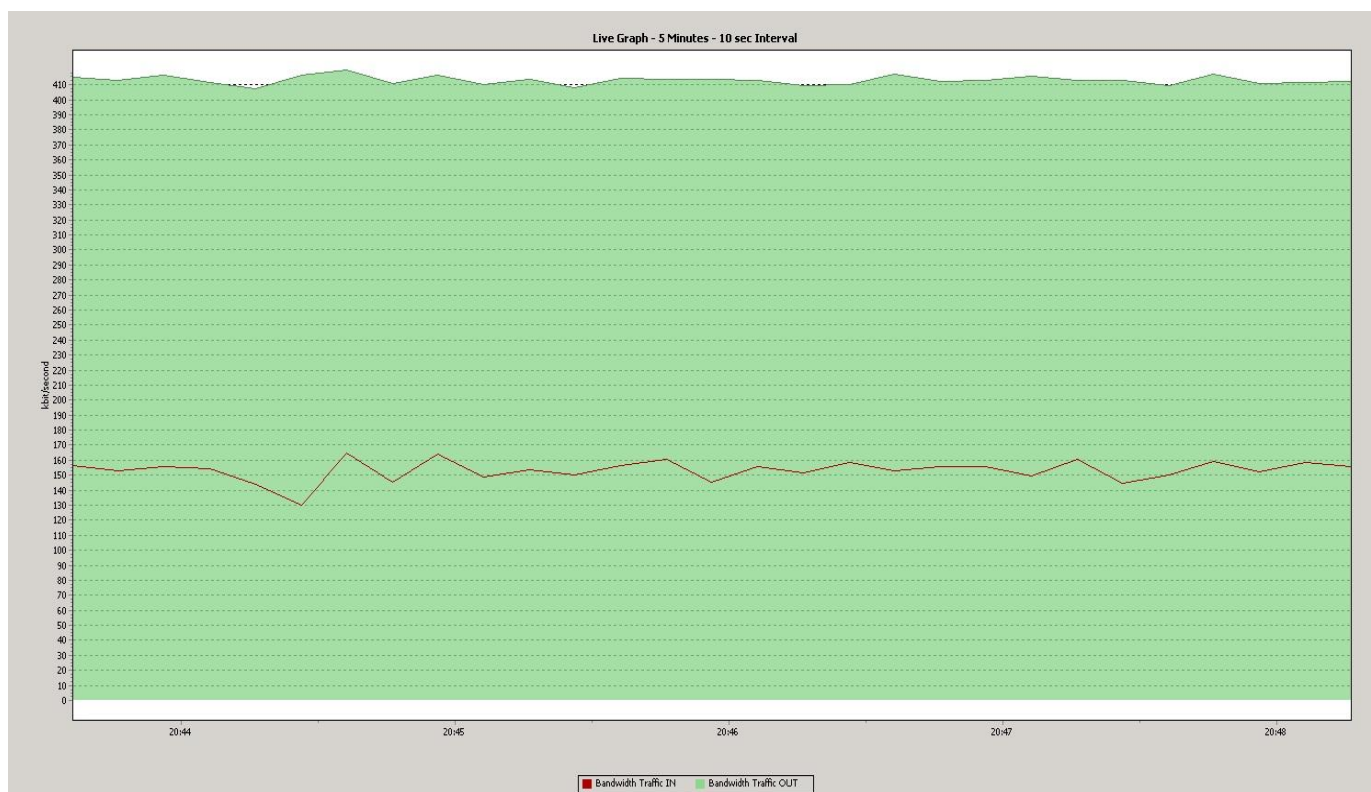
Responsável/cliente: Frakin Jose Silveira

Consórcio
STM/Vodanet

VSAT-ID
SES-ARRI-4425

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 |
| 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 : 11.606160 GHz
Symbol Rate : 45.000018 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 : 9.7 dB
Input Power : -29 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -27 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 : -26.2 dBm
ODU Output Power : 28.4 dBm
EIRP : 41.7 dBW
Es/No : 6.0 dB
Header Compression : DSM-CC
Timing correction : 111 us (253674 us)
Frequency correction: 210 Hz

IP DVB: 10.148.4.42/32

C:\>ping -n 10 10.172.100.1

Pinging 10.172.100.1 with 32 bytes of data:

Reply from 10.172.100.1: bytes=32 time=578ms TTL=62
Reply from 10.172.100.1: bytes=32 time=686ms TTL=62
Reply from 10.172.100.1: bytes=32 time=605ms TTL=62
Reply from 10.172.100.1: bytes=32 time=532ms TTL=62
Reply from 10.172.100.1: bytes=32 time=640ms TTL=62
Reply from 10.172.100.1: bytes=32 time=559ms TTL=62
Reply from 10.172.100.1: bytes=32 time=671ms TTL=62
Reply from 10.172.100.1: bytes=32 time=591ms TTL=62
Reply from 10.172.100.1: bytes=32 time=703ms TTL=62
Reply from 10.172.100.1: bytes=32 time=626ms TTL=62

Ping statistics for 10.172.100.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 532ms, Maximum = 703ms, Average = 619ms