



TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes

Operadora/Cliente: Andre da Silva

GRE/Prodemge: Douglas Alvares

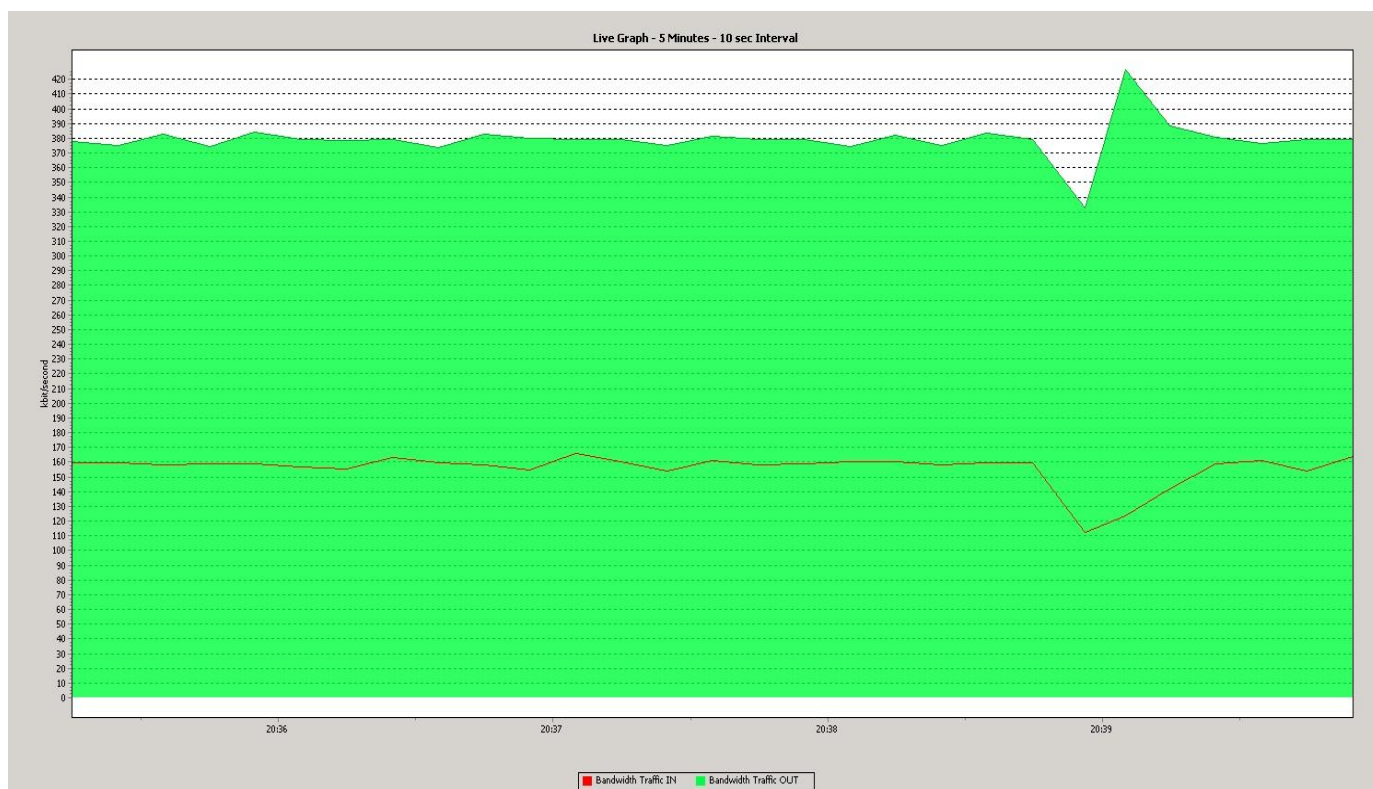
Responsável/cliente: Oscarina Maria

Consórcio
STM/Vodanet

VSAT-ID
SES-ARXA-5556

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	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 : 11.606613 GHz
Symbol Rate : 45.000196 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 : 10.0 dB
Input Power : -30 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 32.7 dBm
EIRP : 46.0 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 : -19.5 dBm
ODU Output Power : 32.4 dBm
EIRP : 45.7 dBW
Es/No : 10.5 dB
Header Compression : DSM-CC
Timing correction : 148 us (253265 us)
Frequency correction: 140 Hz

IP DVB: 10.148.3.230 /32

C:\>ping -n 10 10.173.104.1

Pinging 10.173.104.1 with 32 bytes of data:

Reply from 10.173.104.1: bytes=32 time=524ms TTL=62
Reply from 10.173.104.1: bytes=32 time=536ms TTL=62
Reply from 10.173.104.1: bytes=32 time=552ms TTL=62
Reply from 10.173.104.1: bytes=32 time=535ms TTL=62
Reply from 10.173.104.1: bytes=32 time=584ms TTL=62
Reply from 10.173.104.1: bytes=32 time=599ms TTL=62
Reply from 10.173.104.1: bytes=32 time=551ms TTL=62
Reply from 10.173.104.1: bytes=32 time=539ms TTL=62
Reply from 10.173.104.1: bytes=32 time=553ms TTL=62
Reply from 10.173.104.1: bytes=32 time=569ms TTL=62

Ping statistics for 10.173.104.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 524ms, Maximum = 599ms, Average = 554ms