



TERMO DE ACEITE TÉCNICO

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

Data: 18/01/2012

NOC/Operadora: Renan Borges Sousa

Operadora/Cliente: Alexandre Pascoal da Silva

GRE/Prodemge: Bruno de Líbero Hauck Ferreira

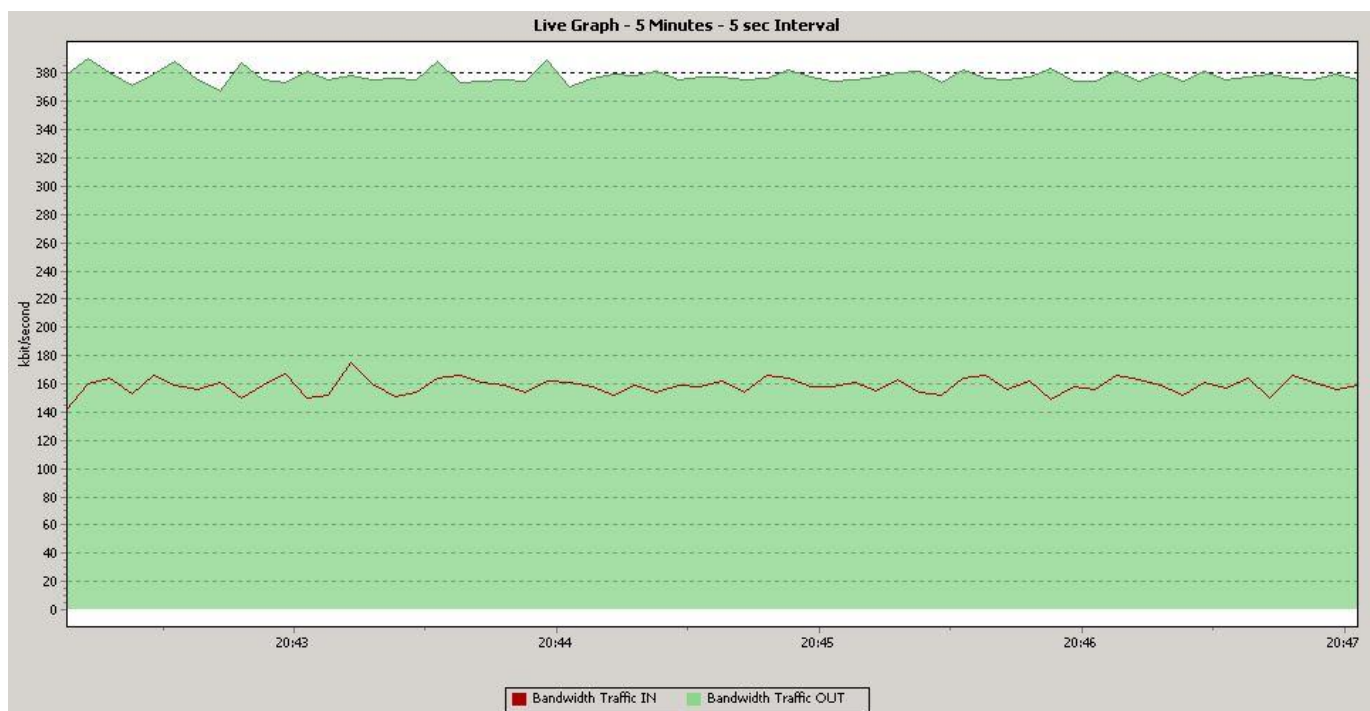
Responsável/cliente: Maria Cristina

Consórcio
STM/Vodanet

VSAT-ID
SES-FRAL-0647

Porta kbps
384/153

Plataforma
VSAT



Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 15 8PSK-5/6 (SNR threshold: 9.6 dB)
ACM Latency : On
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	Enable
* 0	0	7.120000	11.583700	DVB-S2	2	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 65281, Prodemge@Vodanet
Frequency : 11.583755 GHz
Symbol Rate : 7.120018 Msps
S2 ModCod
- receiving : 4 QPSK-1/2
- current max : 23 16APSK-9/10
Pilot : On
Frame length : Short frame
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 15.7 dB
Input Power : -29 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU output power : -19 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 : -17.3 dBm
ODU Output Power : 32.6 dBm
EIRP : 45.9 dBW
Eb/No : 15.0 dB
Header Compression : DSM-CC
Timing correction : -249 us (273786 us)
Frequency correction: 220 Hz

IP DVB 10.148.0.30/32

Pinging 10.144.4.1 with 32 bytes of data:

Reply from 10.144.4.1: bytes=32 time=710ms TTL=61
Reply from 10.144.4.1: bytes=32 time=633ms TTL=61
Reply from 10.144.4.1: bytes=32 time=556ms TTL=61
Reply from 10.144.4.1: bytes=32 time=656ms TTL=61
Reply from 10.144.4.1: bytes=32 time=699ms TTL=61
Reply from 10.144.4.1: bytes=32 time=652ms TTL=61
Reply from 10.144.4.1: bytes=32 time=568ms TTL=61
Reply from 10.144.4.1: bytes=32 time=711ms TTL=61
Reply from 10.144.4.1: bytes=32 time=640ms TTL=61
Reply from 10.144.4.1: bytes=32 time=564ms TTL=61

Ping statistics for 10.144.4.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 556ms, Maximum = 711ms, Average = 638ms

IP DVB: 10.148.0.50/32

Pinging 10.144.15.1 with 32 bytes of data:

Reply from 10.144.15.1: bytes=32 time=565ms TTL=62
Reply from 10.144.15.1: bytes=32 time=589ms TTL=62
Reply from 10.144.15.1: bytes=32 time=602ms TTL=62
Reply from 10.144.15.1: bytes=32 time=617ms TTL=62
Reply from 10.144.15.1: bytes=32 time=591ms TTL=62
Reply from 10.144.15.1: bytes=32 time=548ms TTL=62
Reply from 10.144.15.1: bytes=32 time=568ms TTL=62
Reply from 10.144.15.1: bytes=32 time=607ms TTL=62
Reply from 10.144.15.1: bytes=32 time=599ms TTL=62
Reply from 10.144.15.1: bytes=32 time=611ms TTL=62

Ping statistics for 10.144.15.1:

Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 548ms, Maximum = 617ms, Average = 589ms