



TERMO DE ACEITE TÉCNICO

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

Data: 03/05/2012

NOC/Operadora: Jefferson de Souza Marques

Operadora/Cliente: Alexandre Pascoal

GRE/Prodemge: Rafael Alves Ferreira

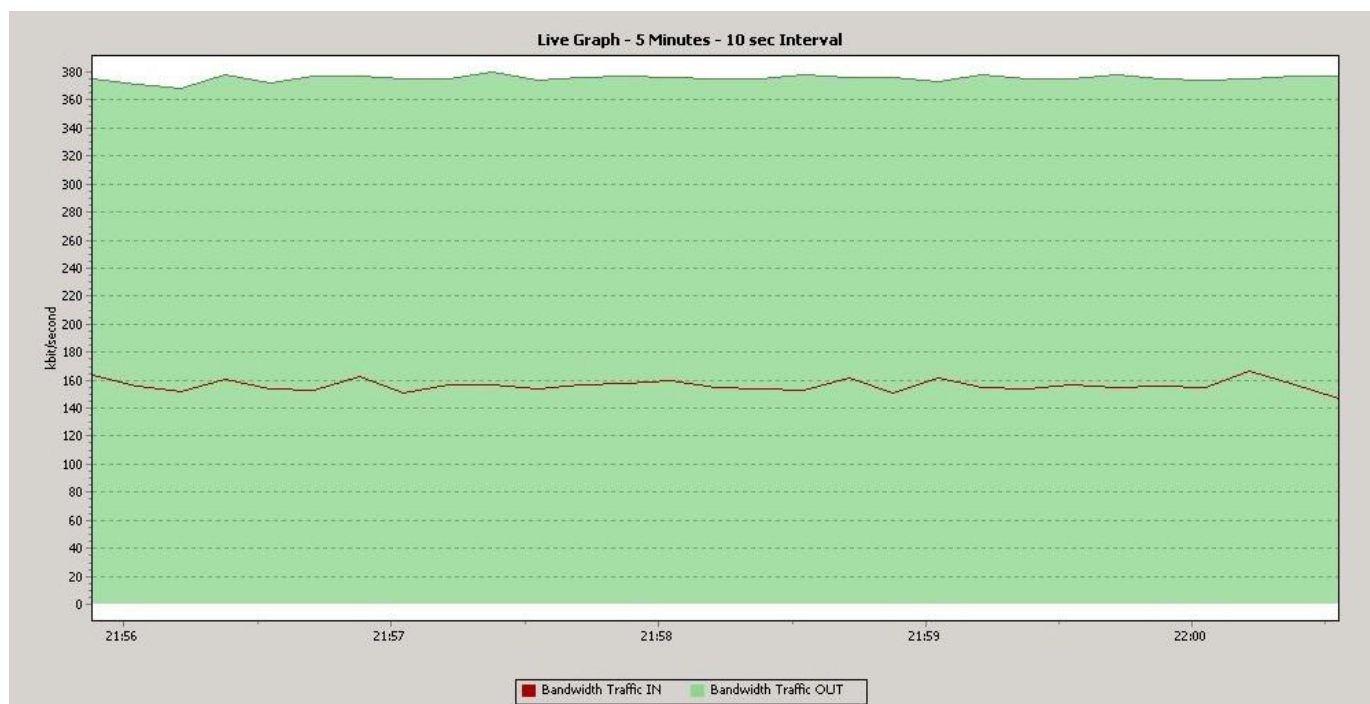
Responsável/cliente: Maria Rodrigues Borges

Consórcio
STM/Vodanet

VSAT-ID
SES-LAAR-3343

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[Msp/s]	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 : 11.583983 GHz
Symbol Rate : 7.120037 Msp/s
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 : 14.8 dB
Input Power : -29 dBm

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#
Satellite (DVB) TX Configuration
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Auto start           : Enabled
IDU output power     : -22 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     : -19.2 dBm
ODU Output Power     : 32.6 dBm
EIRP                 : 45.9 dBW
Eb/No                : 14.5 dB
Header Compression   : DSM-CC
Timing correction    : -355 us (272404 us)
Frequency correction: 50 Hz

IP DVB 10.148.0.208/32

Pinging 10.145.63.1 with 32 bytes of data:

Reply from 10.145.63.1: bytes=32 time=618ms TTL=62
Reply from 10.145.63.1: bytes=32 time=546ms TTL=62
Reply from 10.145.63.1: bytes=32 time=566ms TTL=62
Reply from 10.145.63.1: bytes=32 time=577ms TTL=62
Reply from 10.145.63.1: bytes=32 time=597ms TTL=62
Reply from 10.145.63.1: bytes=32 time=603ms TTL=62
Reply from 10.145.63.1: bytes=32 time=628ms TTL=62
Reply from 10.145.63.1: bytes=32 time=552ms TTL=62
Reply from 10.145.63.1: bytes=32 time=559ms TTL=62
Reply from 10.145.63.1: bytes=32 time=584ms TTL=62

Ping statistics for 10.145.63.1:
    Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 546ms, Maximum = 628ms, Average = 583ms
```