

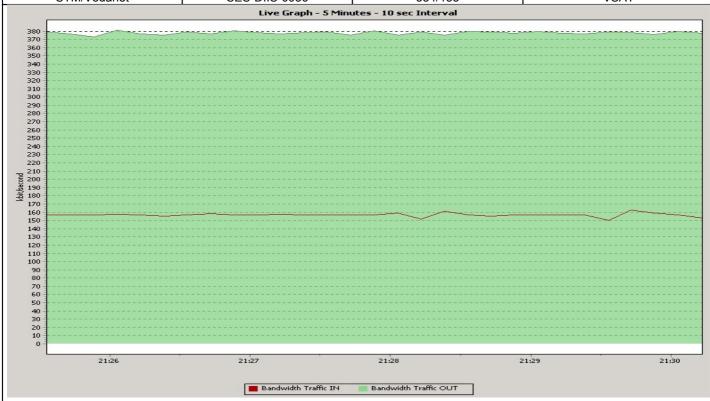
TERMO DE ACEITE TÉCNICO

Solicitante: SES – Secretaria de Estado de Saúde de Minas Gerais Data: 24/04/2012

NOC/Operadora: Bruno Resston Moreira Operadora/Cliente: Marcos Paulo

GRE/Prodemge: Bruno Hauck Responsável/cliente: Danilo Vieira Lima

ConsórcioVSAT-IDPorta kbpsPlataformaSTM/VodanetSES-DIIS-0956384/153VSAT



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[Msps] Freq[GHz] Mode PopId Enable
* 0 0 7.120000 11.583700 DVB-S2 2 Yes
1 1 0.000000 0.000000 DVB-S2 2 No

Satellite (DVB) Receiver Status

Rx State : On

DVB State : Forward link up

Network : 65281, Prodemge@Vodanet

Frequency : 11.583744 GHz Symbol Rate : 7.119923 Msps

S2 ModCod

- receiving : 4 QPSK-1/2 - current max : 15 8PSK-5/6

Pilot : On
Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.25
SNR : 14.6 dB
Input Power : -36 dBm

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Satellite (DVB) TX Configuration
Auto start : Enabled IDU Output Power : -17 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power
                   : max
EIRP
                    : max
Default CW Frequency: 0.000000 GHz
ATM mode
                   : VC-Mux
Header Compression : UDP/IP/DSM-CC
Satellite (DVB) Transmitter Status
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State : On (TDMA)

IDU Output Power : -14.2 dBm

ODU Output Power : 34.3 dBm
EIRP
                    : 47.6 dBW
                    : 14.0 dB
Es/No
Header Compression : DSM-CC
Timing correction : -424 us (269455 us)
Frequency correction: -300 Hz
IP DVB: 10.148.0.164/32
Pinging 10.145.9.1 with 32 bytes of data:
Reply from 10.145.9.1: bytes=32 time=554ms TTL=62
Reply from 10.145.9.1: bytes=32 time=533ms TTL=62
Reply from 10.145.9.1: bytes=32 time=585ms TTL=62
Reply from 10.145.9.1: bytes=32 time=597ms TTL=62
Reply from 10.145.9.1: bytes=32 time=553ms TTL=62
Reply from 10.145.9.1: bytes=32 time=627ms TTL=62
Reply from 10.145.9.1: bytes=32 time=551ms TTL=62
Reply from 10.145.9.1: bytes=32 time=572ms TTL=62
Reply from 10.145.9.1: bytes=32 time=582ms TTL=62
Reply from 10.145.9.1: bytes=32 time=602ms TTL=62
Ping statistics for 10.145.9.1:
   Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 533ms, Maximum = 627ms, Average = 575ms
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