

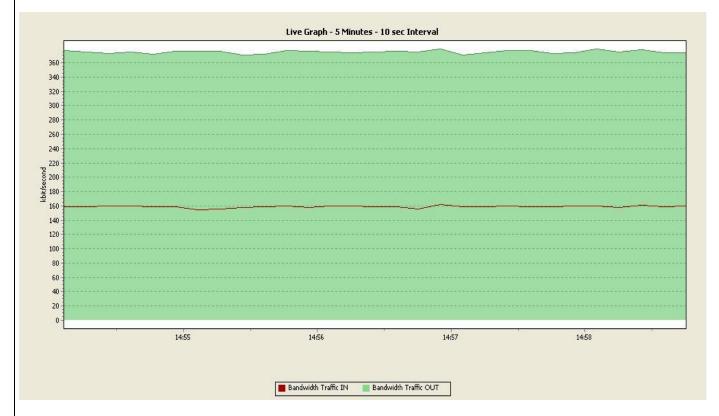
## **TERMO DE ACEITE TÉCNICO**

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

NOC/Operadora: Pedro Henrique da R. Bernardes Operadora/Cliente: Gilvan Pereira

Responsável/cliente: Tais **GRE/Prodemge:** Douglas Alvares

Consórcio VSAT-ID Porta kbps **Plataforma** STM/Vodanet SES-WEAZ-4652 384/153 **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[Msps] Freq[GHz] Mode PopId Enable \* 0 0 45.000000 11.606250 DVB-S2 2 Yes 0.000000 0.000000 DVB-S2 2 Yes

Satellite (DVB) Receiver Status

Rx State : On DVB State : For

DVB State : Forward link up

Network : 65281, Prodemge@Vodanet

: 11.606669 GHz Frequency Symbol Rate : 44.999243 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 : 9.5 dB Input Power : -29 dBm

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Satellite (DVB) TX Configuration
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Auto start
                  : Enabled
IDU Output Power : -30 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
-----
                  : On (TDMA)
: On (TDMA)

IDU Output Power : -14.8 dBm

ODU Output Power : 34.3 dBm
State
EIRP
                  : 47.8 dBW
Es/No
                   : 10.0 dB
\hbox{\tt Header Compression} \quad \hbox{\tt :} \quad \hbox{\tt DSM-CC}
Timing correction : -97 us (253359 us)
Frequency correction: -20 Hz
IP DVB: 10.148.4.162/32
C:\>ping -n 10 10.173.132.1
Pinging 10.173.132.1 with 32 bytes of data:
Reply from 10.173.132.1: bytes=32 time=535ms TTL=62
Reply from 10.173.132.1: bytes=32 time=573ms TTL=62
Reply from 10.173.132.1: bytes=32 time=560ms TTL=62
Reply from 10.173.132.1: bytes=32 time=568ms TTL=62
Reply from 10.173.132.1: bytes=32 time=521ms TTL=62
Reply from 10.173.132.1: bytes=32 time=598ms TTL=62
Reply from 10.173.132.1: bytes=32 time=521ms TTL=62
Reply from 10.173.132.1: bytes=32 time=541ms TTL=62
Reply from 10.173.132.1: bytes=32 time=551ms TTL=62
Reply from 10.173.132.1: bytes=32 time=575ms TTL=62
Ping statistics for 10.173.132.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
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Minimum = 521ms, Maximum = 598ms, Average = 554ms