



TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

Cliente: Rovema

Empresa
EMC Brasil

VSAT-ID
ROVEMA-MARQUES

Link kbps
512K/512K + VOIP_ROVEMA

Plataforma
VSAT

device show

System Information:

Name : ROVEMA-MARQUES
Location : Porto Velho - RO
Contact :
System Up time : 4 days, 09:46:03
CPU Load : 16%
System time(UTC) : 26 July 2017 18:19:08
Broadcast Message : not set

HW:

Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.2

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:81:8e
Satellite (DVB) : 00:20:0e:10:81:8e

dvb rx show

Satellite (DVB) RX Configuration

Auto start : Enabled
Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp/s]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName
Name		Enable						
* 0	0	10.680000	12.164510	DVB-S2	103	0	0.0 E	

Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, Anik G1 Beam
Frequency : 12.163999 GHz
Symbol Rate : 10.679738 Msp/s
S2 ModCod
- receiving : 13 8PSK-2/3
- current max : 15 8PSK-5/6
Pilot : On
Frame length : Short

DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 11.3 dB
Input Power : -42 dBm
dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -18 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.7 dBm
EIRP : 47.0 dBW
Default CW Frequency: 14.407235 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -11.1 dBm
ODU Output Power : 33.6 dBm
EIRP : 46.9 dBW
Es/No : 11.0 dB
Header Compression : Disabled
Timing correction : -246 us (268113 us)
Frequency correction: -1430 Hz
odu show

Antenna

Type : ASC/Andrew/Channel Master Type 123
- 1.2m
Antenna controller : None
Tx Gain at 14.25 GHz : 43.3dB

Transmitter (BUC)

Type : SatLink 4035 (14.0-14.5 GHz)
ODU Serial No. : 106546040203080802440000
ODU HW Version : 4.2
ODU SW Version : 1.3
Local oscillator : 13.050000 GHz
DC supply : 24V On
Temperature : 52 Deg C

Receiver (LNB)

Type : SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1 : 9.750000 GHz
Local oscillator - LO2 : 10.600000 GHz
Oscillator switching frequency 1-2 : 11.700000 GHz
LO Switching mode : 22kHz

13/18V DC supply

13V

dvb cr show

Capacity parameters per channel:

Channel CRA[kbps] Allocated[kbps]
0 0 7

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs]
Description
0 0 512 51 2 0
Best Effort
0 1 34 3 0 0
VoiP
0 2 0 0 0 0
ViC
0 3 32 3 0 0
Critical Data

RBDC timeout 5 VBDC timeout 12

VBDC computation interval 200 ms (configured 0)