



TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira

Cliente: Sicoob

Empresa
EMC Brasil

VSAT-ID SICOOB-
CREDIP-JUARA

Link kbps
256k/128k

Plataforma VSAT

device show

System Information:

Name : SICOOB-CREDIP-JUARA
Location : Juara - MT
Contact :
System Up time : 2 days, 15:31:12
CPU Load : 7%
System time(UTC) : 06 January 2018 10:19:36
Broadcast Message : not set

HW:

Model : SatLink 2000
HW ID : 120033
Main board ID : 120026 R6.1

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:48:6f
Satellite (DVB) : 00:20:0e:10:48:6f

Satellite (DVB) RX Configuration

Auto start : Enabled
Max MODCOD : 23 16APSK-9/10 (SNR threshold: 23.5 dB)
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	Sat[Id/Pos]	Enable
* 0	0	30.000000	12.050000	DVB-S2 4	0/	0.0 E	Yes
1	1	25.333333	12.050000	DVB-S2 4	0/	0.0 E	Yes

Satellite (DVB) Receiver Status

Rx State : On
DVB State : Forward link up
Network : 1326, T14R Beam
Frequency : 12.050080 GHz
Symbol Rate : 30.000112 Mbps
S2 ModCod
- receiving : 12 8PSK-3/5
- current max : 15 8PSK-5/6
Pilot : On

Frame length : Short
DVB S2 Mode : ACM
Roll off : 0.20
SNR : 13.5 dB
Input Power : -39 dBm

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -17 dBm
IDU Max Output Power: 0.0 dBm
Default CW Frequency: 0.000000 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -17.2 dBm
Es/No : 15.0 dB
Header Compression : Disabled
Timing correction : 32 us (245406 us)
Frequency correction: -40 Hz

Antenna

Type BrasilSat SOB107-18 - 1.8m
Antenna controller None
Tx Gain at 14.25 GHz 46.7dB

Transmitter (BUC)

Type JRC NJT5017 (14.0-14.5 GHz)
Local oscillator 13.050000 GHz
DC supply 24V On

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

Capacity parameters per channel:

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

Requested capacity per QoS class:

Channel CRClass MaxRBDC[kbps] MaxVBDC[kB] RateReq[kbps] VolReq[octs] Description
0 0 128 13 2 0 Best Effort

0	1	0	0	0	0 VoIP
0	2	0	0	0	0 ViC
0	3	32	3	0	0 Critical Data

RBDC timeout 5 VBDC timeout 20

VBDC computation interval 200 ms (configured 0)

64 bytes from 8.8.8.8: time=1590 ms

64 bytes from 8.8.8.8: time=770 ms

64 bytes from 8.8.8.8: time=650 ms

64 bytes from 8.8.8.8: time=640 ms

64 bytes from 8.8.8.8: time=610 ms

64 bytes from 8.8.8.8: time=620 ms

64 bytes from 8.8.8.8: time=620 ms

64 bytes from 8.8.8.8: time=640 ms

64 bytes from 8.8.8.8: time=630 ms

64 bytes from 8.8.8.8: time=770 ms

--- ping statistics ---

10 packets transmitted, 10 received, 0.00 percent packet loss

rtt min/avg/max = 610/750/1590 ms

ip mfc show

MfC Classification table

Module: PEP (1)

SubIdx	Idx	Grp	Classification	Parms	HitCount
1	10	1	Dst port =	1..65535	3158

QOS Policy Table

Grp	Cls	CrM	Pri	QLength	Drop	Timeout	Description
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0	0	0	0	400000	0	120	Best Effort
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1	1	1	1	15000	1	120	VoIP Audio
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2	1	1	2	4000	1	120	VoIP Signaling
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QoS MfC Classification table

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