



# TERMO DE ACEITE TÉCNICO

**Solicitante:** Sicoob

**NOC/Operador:** Wallace Teixeira

**Cliente:** Sicoob

**Empresa**  
EMC Brasil

**VSAT-ID** SICOOB-  
CREDIP-JURUEMA

**Link kbps** 256k/128k

**Plataforma** VSAT

device show

## System Information:

Name : SICOOB-CREDIP-JURUEMA  
Location : Juruema- MT  
Contact :  
System Up time : 7 days, 13:24:51  
CPU Load : 8%  
System time(UTC) : 25 January 2018 07:00:27  
Broadcast Message : not set

## HW:

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

## MAC addresses:

Ethernet (LAN) : 00:20:0e:10:60:d3  
Satellite (DVB) : 00:20:0e:10:60:d3

# dvb tx show

## Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -20 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 : -20.2 dBm  
Es/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : 102 us (245115 us)  
Frequency correction: -170 Hz  
# dvb rx show

# Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Mbps]	Freq[GHz]	Mode	PopId	SatId	Pos
SatName		Name		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 : 12.050004 GHz  
Symbol Rate : 30.000082 Msps  
S2 ModCod  
- receiving : 12 8PSK-3/5  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.20  
SNR : 13.5 dB  
Input Power : -35 dBm  
# odu show

# Antenna

-----  
Type : BrasilSat SOB107-12 - 1.2m  
Antenna controller : None  
Tx Gain at 14.25 GHz : 43.0dB

# Transmitter (BUC)

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

# Receiver (LNB)

-----  
Type : Zinwell ZK-VJ1 (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

# ip mfc show

MfC Classification table

Module: PEP (1)

SubIdx	Idx	Grp	Classification	Parms	HitCount
1	10	1	Dst port =	1..65535	0

# dvb cr show

Capacity parameters per channel:

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Channel	CRA[kbps]	Allocated[kbps]
0	0	14

Requested capacity per QoS class:

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Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	
Description	0	0	128	13	0	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)