



TERMO DE ACEITE TÉCNICO

Solicitante: GEE

NOC/Operador: Wallace Teixeira

Cliente: EBW

Empresa
EMC Brasil

VSAT-ID EBW-40042

Link kbps
1024k/512k

Plataforma VSAT

device show

System Information:

Name : EBW-40042
Location : Garimpo Juruena - MT
Contact :
System Up time : 0 days, 04:19:02
CPU Load : 16%
System time(UTC) : 15 December 2017 02:25:29
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:89:79
Satellite (DVB) : 00:20:0e:10:89:79

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	25.333333	12.050000	DVB-S2 4	0	0.0	E		Yes	
1	1	30.000000	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 : 12.050041 GHz
Symbol Rate : 25.333158 Msp/s
S2 ModCod
- receiving : 20 16APSK-4/5

- current max : 14 8PSK-3/4
Pilot : On
Frame length : Short
DVB S2 Mode : ACM
DVB S2 Stream type : MPEG-TS
Roll off : 0.20
SNR : 9.7 dB
Input Power : -39 dBm
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: 14.125850 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -20.2 dBm
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : 9 us (246008 us)
Frequency correction: 110 Hz
odu show

Antenna

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

Transmitter (BUC)

Type JRC NJT5037 (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

```
# 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	612	61	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)

```
ping 10.47.13.33 -n 10
```

```
64 bytes from 10.47.13.33: time=2210 ms
64 bytes from 10.47.13.33: time=1280 ms
64 bytes from 10.47.13.33: time=1260 ms
64 bytes from 10.47.13.33: time=1150 ms
64 bytes from 10.47.13.33: time=1250 ms
64 bytes from 10.47.13.33: time=1220 ms
64 bytes from 10.47.13.33: time=1260 ms
64 bytes from 10.47.13.33: time=1450 ms
64 bytes from 10.47.13.33: time=1470 ms
64 bytes from 10.47.13.33: time=1250 ms
```

--- ping statistics ---

10 packets transmitted, 10 received, 0.00 percent packet loss
rtt min/avg/max = 1150/1370/2210 ms