

TERMO DE ACEITE TÉCNICO

Solicitante: VIVO- Projeto Escolas Rurais

NOC/Operador: Wallace Teixeira

Cliente: NSAT

Empresa
EMC Brasil

VSAT-ID
NSAT-FUNAI-SGC

Link kbps
4098k/1024k

Plataforma
VSAT

device show

System Information:

Name : NSAT-FUNAI-SGC
Location : Sao Gabriel da Cachoeira - AM
Contact :
System Up time : 0 days, 00:06:08
CPU Load : 23%
System time(UTC) : 21 July 2017 13:48:50
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:71:5e
Satellite (DVB) : 00:20:0e:10:71:5e

dvb tx show

Satellite (DVB) TX Configuration

Auto start : Enabled
IDU Output Power : -19 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power : 33.7 dBm
EIRP : 47.0 dBW
Default CW Frequency: 14.162300 GHz
ATM mode : VC-Mux
Header Compression : None

Satellite (DVB) Transmitter Status

State : On (DVB-RCS)
IDU Output Power : -16.8 dBm
ODU Output Power : 33.4 dBm
EIRP : 46.7 dBW
Es/No : 13.0 dB
Header Compression : Disabled
Timing correction : -61 us (245368 us)
Frequency correction: -110 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[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										
6	6	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		: 12.049897 GHz								
Symbol Rate		: 25.332678 Msp/s								
S2 ModCod										
- receiving		: 12	8PSK-3/5							
- current max		: 19	16APSK-3/4							
Pilot		: On								
Frame length		: Short								
DVB S2 Mode		: ACM								
DVB S2 Stream type		: MPEG-TS								
Roll off		: 0.20								
SNR		: 12.4 dB								
Input Power		: -31 dBm								
# 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 4033 (14.0-14.5 GHz)								
ODU Serial No.		104804040203081202790000								
ODU HW Version		4.2								
ODU SW Version		1.3								
Local oscillator		13.050000 GHz								
DC supply		24V On								
Temperature		42 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	213								
Requested capacity per QoS class:										

Channel	CRClass	MaxRBDC[kbps]	MaxVBDC[kB]	RateReq[kbps]	VolReq[octs]	Description				
0	0	1024	102	74	1692	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)

ip mfc show

MfC Classification table

Module: PEP (1)

SubIdx	Idx	Grp	Classification	Parms	HitCount
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1	10	1	Dst port =	1..65535	2457
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ip qos show

QoS Policy Table

Grp	Cls	CrM	Pri	QLength	Drop	Timeout	Description
0	0	0	0	400000	0	120	Best Effort
1	1	1	1	15000	1	120	VoIP Audio
2	1	1	2	4000	1	120	VoIP Signaling
3	2	1	5	500000	1	120	VIC Video
4	2	1	4	50000	1	120	VIC Audio
5	2	1	3	10000	1	120	VIC Signaling
6	3	0	6	400000	0	120	Critical Data

QoS MfC Classification table

SubIdx	Idx	Grp	Classification	Parms	HitCount
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