



Monitoring

Scope:

- Monitoring
- Overview

Dashboard

Internet access is blocked. Only telephony is allowed. (according to configfile)

DOCSIS

Real Time Values

System

SysDescr	Thomson PacketCable E-MTA <<HW_REV: 2.0; VENDOR: Thomson; BOOTR: 2.3.1; SW_REV: STAA.01.71; MODEL: THG571>>
Firmware	STAA.01.71
Uptime	22 hours 11 minutes 40 seconds
Status Code	R07.0
DOCSIS	DOCSIS 3.0
NetGw	gor-cable-gw10

Monitoring

Diagramme

Vorschau Modus

Angemeldet als Gast

Graph Preview Filters

Zielsysteme cm-109731

Suche Enter a regular expression

Voreinstellungen Letzter Tag

cm-109731 - DOCSIS Overview

DS Power (dBmV)	Min:9.82	Avg:10.11	Max:11.39	Cur:11.39
US Power (dBmV)	Min:37.84	Avg:38.91	Max:41.28	Cur:39.28
DS SNR (dB)	Min:40.73	Avg:40.86	Max:41.33	Cur:41.30
US SNR (dB)	Min:24.25	Avg:25.95	Max:27.29	Cur:26.50

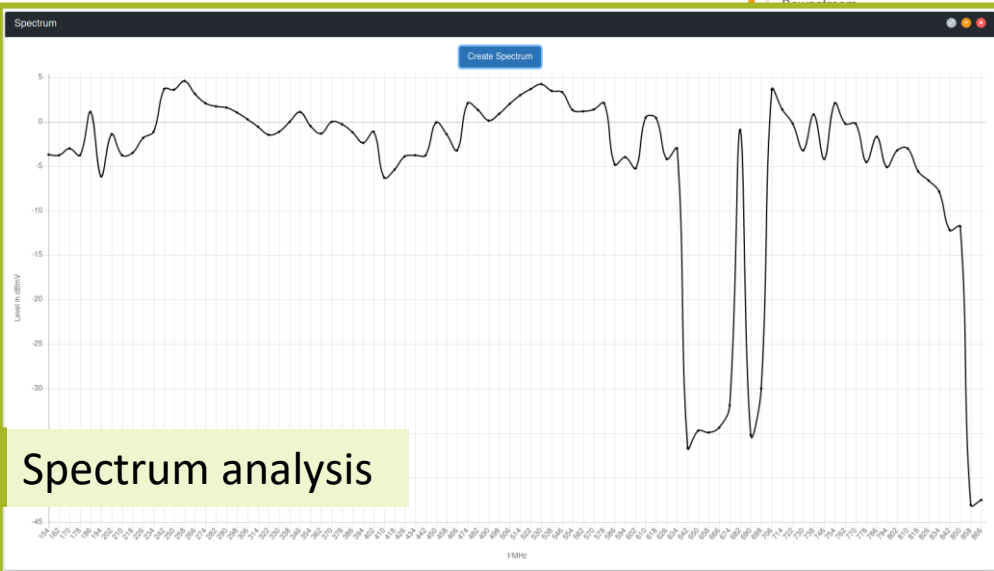
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cm-109731 - DOCSIS DS PWR

DS Power (dBmV)	Min:8.20	Avg:10.11	Max:12.80	Cur:11.39
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cm-109731 - DOCSIS DS SNR



T1	Modulation	T1	Power dBmV	T1	MER dB	T1	Microreflection -dBc	T1
	QAM256		11		39.9		25	
	QAM256		9.3		41.3		24	
	QAM256		10.2		41.9		25	
	QAM256		11.4		42.5		27	
	QAM256		12.1		42.5		28	
	QAM256		10.1		39.9		26	
	QAM256		10.8		40.3		28	
	QAM256		11.2		40.3		26	

Frequency MHz	T1	Width MHz	T1	Power dBmV	T1	SNR dB	T1
37		3.2		36.5		23.8	
62		3.2		42.5		28	
43		3.2		36.5		23.5	

Real Time Values

FTTH

Last Inform	2021-01-28T15:40:52.101Z
Hardware Version	FRITZ!Box 5490
Software Version	151.07.12
CWMP Account ID	3810D5697542
Support Login (TR069)	TR069-5245d7fd
Login-URL	Link

Fiber

Rx Level (dBm)	Tx Level (dBm)
-11.811	-4.065

System Log

System Log
28.01.21 10:31:21 Internetverbindung wurde erfolgreich hergestellt.
28.01.21 10:31:21 Internetverbindung wurde getrennt.

Real Time Values

DSL

Last Inform	2021-02-03T13:34:45.781Z
Hardware Version	FRITZ!Box 7590
Software Version	154.07.21
CWMP Account ID	444E6DA82E4F
Support Login (TR069)	TR069-1ac6a869
Login-URL	Link
FEC Error	0
Sync Error	0

DSL Downstream

Current Datarate (Mbit/s)	Noise Margin (dB)	Power (dB)	Attenuation (dB)
51.386	33	51.3	1

DSL Upstream

Current Datarate (Mbit/s)	Noise Margin (dB)	Power (dB)	Attenuation (dB)
5.054	49	49.9	0

System Log

System Log
03.02.21 03:20:46 Internetverbindung wurde erfolgreich hergestellt.
03.02.21 03:20:46 Internetverbindung wurde getrennt.
03.02.21 03:20:42 Die Internetverbindung wird kurz unterbrochen, um der Zwangstrennung durch den Anbieter zuvorzukommen.



Analysis of all important cable modem parameters like:

- Package loss
- Micro reflections (adaptable)
- System Description (Modem name, firmware, etc.)
- Uptime and downtime
- Firmware Version (distribution over all modems)
- All Upstream and Downstream channels with frequency, modulation, power, MER, bandwidth
- Ping and flood ping tests
- DHCP log- and lease-file (ISC-DHCP style/compliant)
- Configfile analysis
- Modem event log
- Proximity Search: display and compare the cable modems of the close neighborhood (e.g. <100m radius)
- MTA and CPE analysis
- Full Band Capture displays Spectrum on supported Modems

Monitor Hardware via SNMP and TR069:

- CMTS, OLT
- Modem, MTA, CPE
- Amplifiers, nodes
- UPS
- Taps
- Add your own controllable devices
- Fully customizable control interface for your SNMP devices
- Highly efficient SNMP poller