

## Tvheadend - Feature #4444

### Sat-IP Server Signal strength

2017-06-19 21:36 - Flole Systems

<b>Status:</b>	Fixed	<b>Start date:</b>	2017-06-19
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.4		
<b>Description</b>			
The integrated Sat-IP Server doesn't have an Option to set the scale for the signal strength (max 100 or max 240). That makes some clients show a low signal warning. Also we should be able to send a fixed signal strength to the client to always make it think the signal is good.			

#### Associated revisions

##### Revision 6b39b2ad - 2017-06-20 15:25 - Jaroslav Kysela

satip server: add 'Force signal level', fixes #4444

##### Revision a75456f0 - 2017-07-06 13:23 - Jaroslav Kysela

satip server: add 'Force signal level', fixes #4444

#### History

##### #1 - 2017-06-20 09:17 - Jaroslav Kysela

This should be solved on the input side. I changed the signal value from 10 to 120 (240 range) in v4.3-247-g6302409 when it's unknown. Let me know, if this helps.

##### #2 - 2017-06-20 09:40 - Flole Systems

This should definitely not be solved on the input side. If my SAT IP Server sends max 100 and Tvheadend is set to max 240 as my clients expect max 240 from the Tvheadend server, we are causing issues in other parts of Tvheadend. We should not fix errors on the output side by setting the input to wrong values. That's a rather hacky solution. If we could force the server to send a constant signal strength that would help.

##### #3 - 2017-06-20 10:51 - Jaroslav Kysela

Sorry, but I don't understand your issue now. The standard range is 0-240 (see SAT>IP spec), so TVH should correctly report values 0-240 and every source should be converted to this range.

Perhaps, you're asking to use scale only 0-100 for some broken clients which does not conform to the SAT>IP spec?

##### #4 - 2017-06-20 10:58 - Flole Systems

Yes, I think I have a client that violates the specs. That's why I want an Option to make TVHeadend compatible to that client. Some Servers don't report a signal strength at all (they just send 0), for that I would like to be able to override the received signal strength to make every client think we have good signal. Maybe I should have splitted this into 2 feature requests.

##### #5 - 2017-06-20 17:26 - Jaroslav Kysela

- Target version set to 4.4

##### #6 - 2017-06-20 17:46 - Jaroslav Kysela

- Status changed from New to Fixed

- % Done changed from 0 to 100

Applied in changeset [tvheadend|6b39b2ad91e36918f184a707a24719e4378ead4f](#).

##### #7 - 2017-06-20 17:47 - Jaroslav Kysela

I implemented only 'force level'. The broken clients may be handled using this config until they're fixed. I know that some 'hardware' SAT>IP servers uses full range as in spec, so these clients will have trouble with them, too.