

Tvheadend - Bug #2578

Cosmetics: QAM tuner called DVBC in web interface

2014-12-29 20:42 - Olli Salonen

Status:	New	Start date:	2014-12-29
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	User Interface	Estimated time:	0.00 hour
Target version:		Affected Versions:	
Found in version:	3.9.2182		
Description			
A TV tuner for North American TV standards that supports ATSC and QAM shows up in tvheadend web interface as: Device LG Electronics LGDT3305 VSB/QAM Frontend : DVB-C #0 Device LG Electronics LGDT3305 VSB/QAM Frontend : ATSC #0 I believe it would be more correct to call the cable tuner as "QAM #0" (or J83 ANNEX B #0) as DVB-C clearly points to the European cable standard. http://en.wikipedia.org/wiki/QAM_%28television%29 Here's the dvb-fe-tool output of the tuner: INFO Device LG Electronics LGDT3305 VSB/QAM Frontend (/dev/dvb/adapter1/frontend0) capabilities: INFO CAN_8VSB INFO CAN_INVERSION_AUTO INFO CAN_QAM_64 INFO CAN_QAM_256 INFO DVB API Version 5.10, Current v5 delivery system: ATSC INFO Supported delivery systems: INFO [ATSC] INFO DVBC/ANNEX_B			

History

#1 - 2014-12-30 20:13 - Jaroslav Kysela

Your tuner probably can do both (or at least driver thinks so):

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INFO DVBC/ANNEX_B
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#2 - 2014-12-30 20:50 - Olli Salonen

Jaroslav Kysela wrote:

Your tuner probably can do both (or at least driver thinks so):

No, not really. For some reason the real DVB-C (a.k.a. ITU-T J.83 Annex A) is DVBC/ANNEX_A in DVBV5 and the American QAM (a.k.a. ITU-T J.83 Annex B) is DVBC/ANNEX_B there.

So in order to support DVB-C the tuner must report DVBC/ANNEX_A capability, which my tuner does not report. Also the demodulator (LGDT3305) according to datasheet is only "Compatible with ATSC A/53 8/16-VSB, ITU-T J.83 Annex B 64/256 QAM specification."