Transmodulator 5352 - 5353
Colosseum 8550 – 8555
EPG forwarding

1. Introduction

This document explains the prerequisites of transmodulator 5352 – 5353 and Colosseum 8550 - 8555 to support EPG forwarding.

2. Resources

Satellite: Astra 3B (23.5°E)
Transponders: DVB-S2 – 8PSK – Vertical High
- Freq: 11739 MHz, Baud Rate: 27500 kBaud, NID: 3, TID:3202
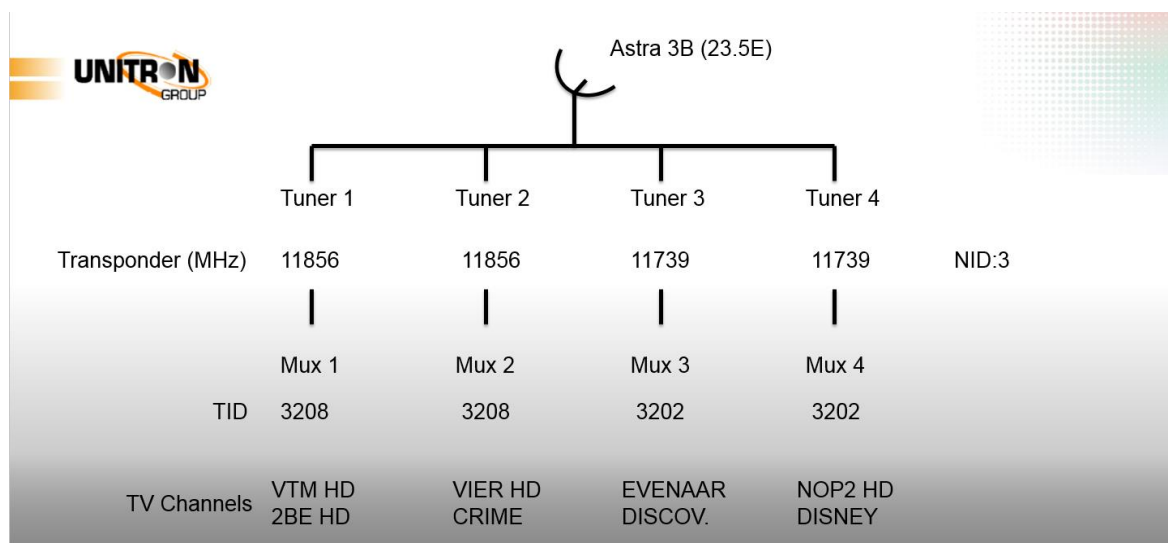- Freq: 11856 MHz, Baud Rate: 27500 kBaud, NID:3, TID:3208
TV: SAMSUNG TV LE32C530
DTH operator: TV Vlaanderen

3. Setup module 5352Q

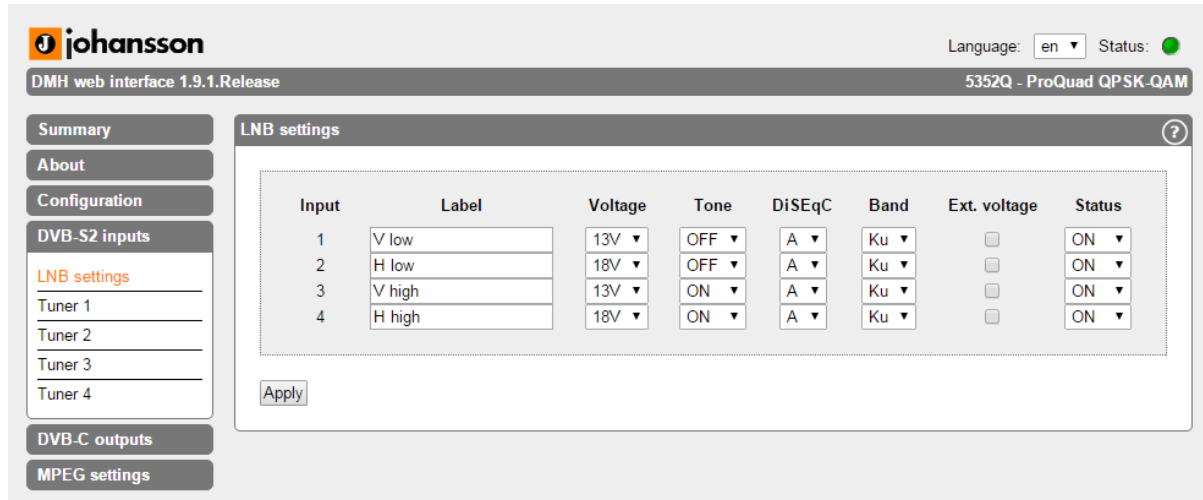In this setup TV channels of a transponder are transmodulated in 2 multiplexers.
Mux 1 and Mux 2 transmodulate TV channels coming from Transponder 11856 Mhz, Mux 3 and Mux 4 transmodulate TV channels coming from Transponder 11739 Mhz

	Tuner 1	Tuner 2	Tuner 3	Tuner 4	
Transponder (MHz)	11856	11856	11739	11739	NID:3
	Mux 1	Mux 2	Mux 3	Mux 4	
TID	3208	3208	3202	3202	
TV Channels	VTM HD 2BE HD	VIER HD CRIME	EVENAAR DISCOV.	NOP2 HD DISNEY	

Configuration module 5352Q

a. DVB-S2 Inputs
i. LNB Settings
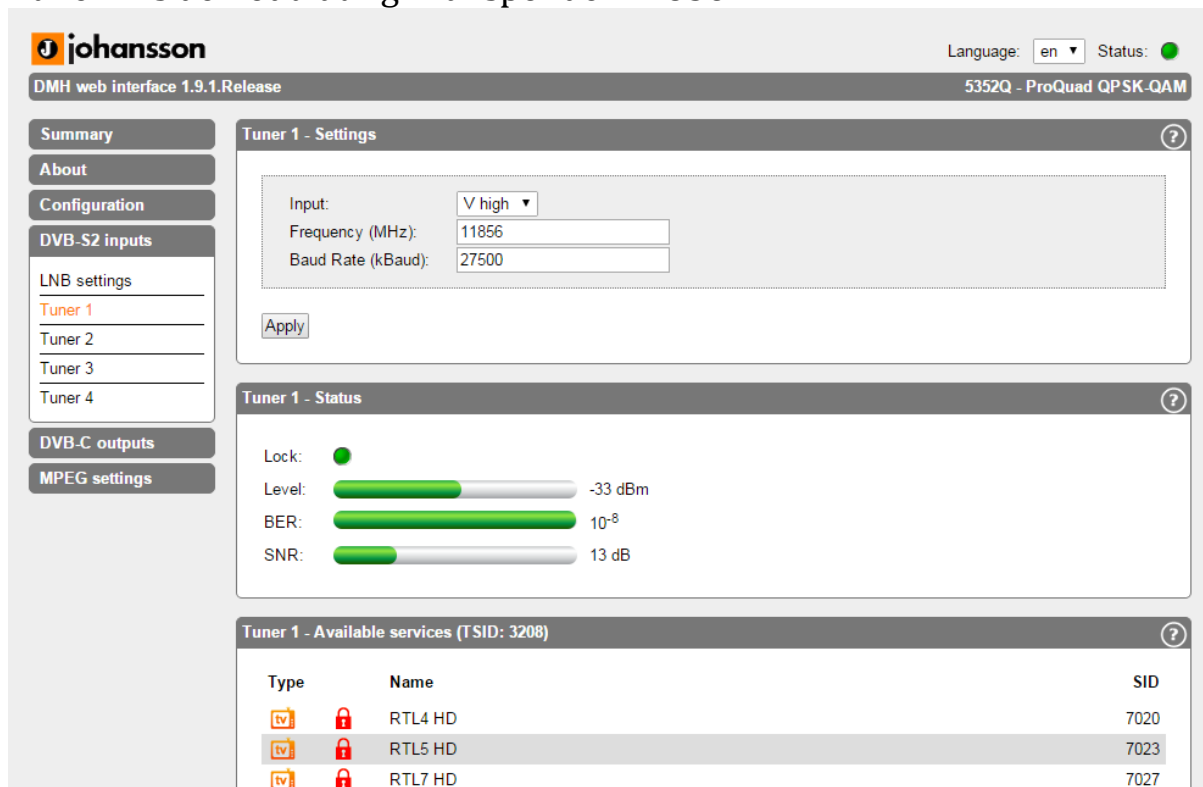
ii. Tuner 1

Tuner 1 is demodulating Transponder 11856 MHz
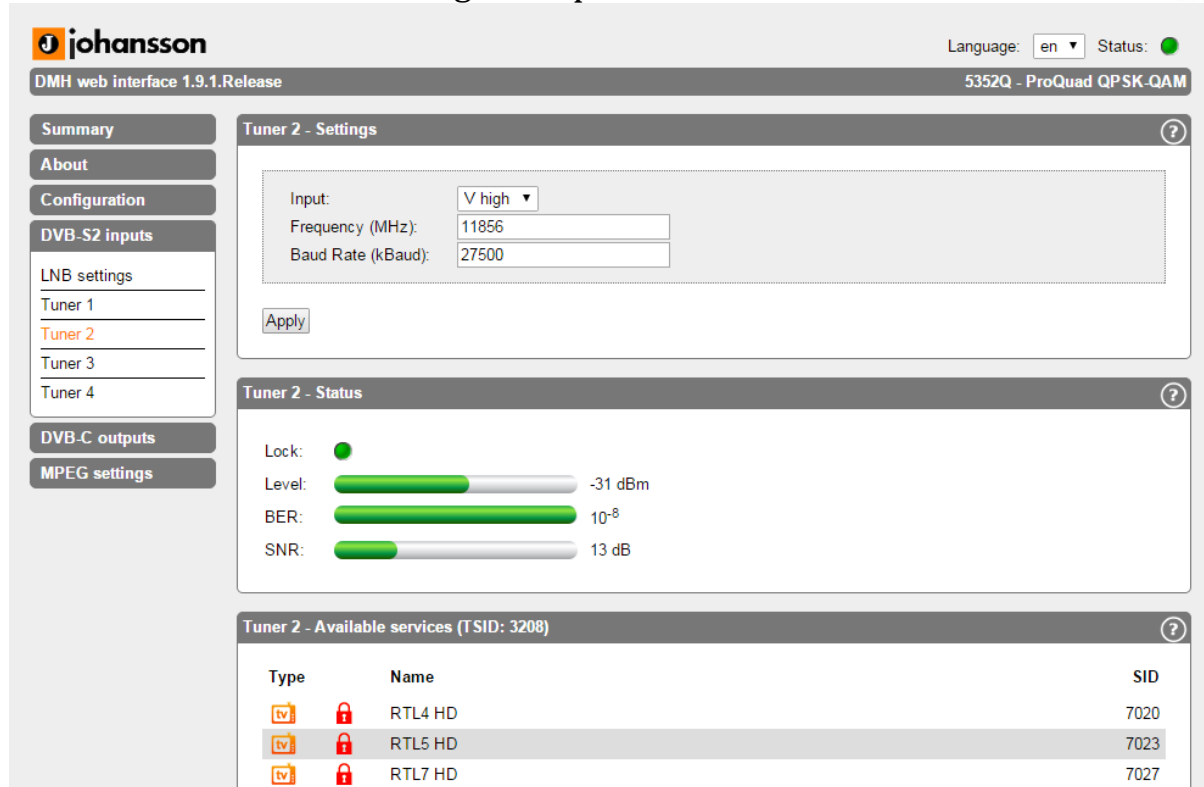
iii. Tuner 2
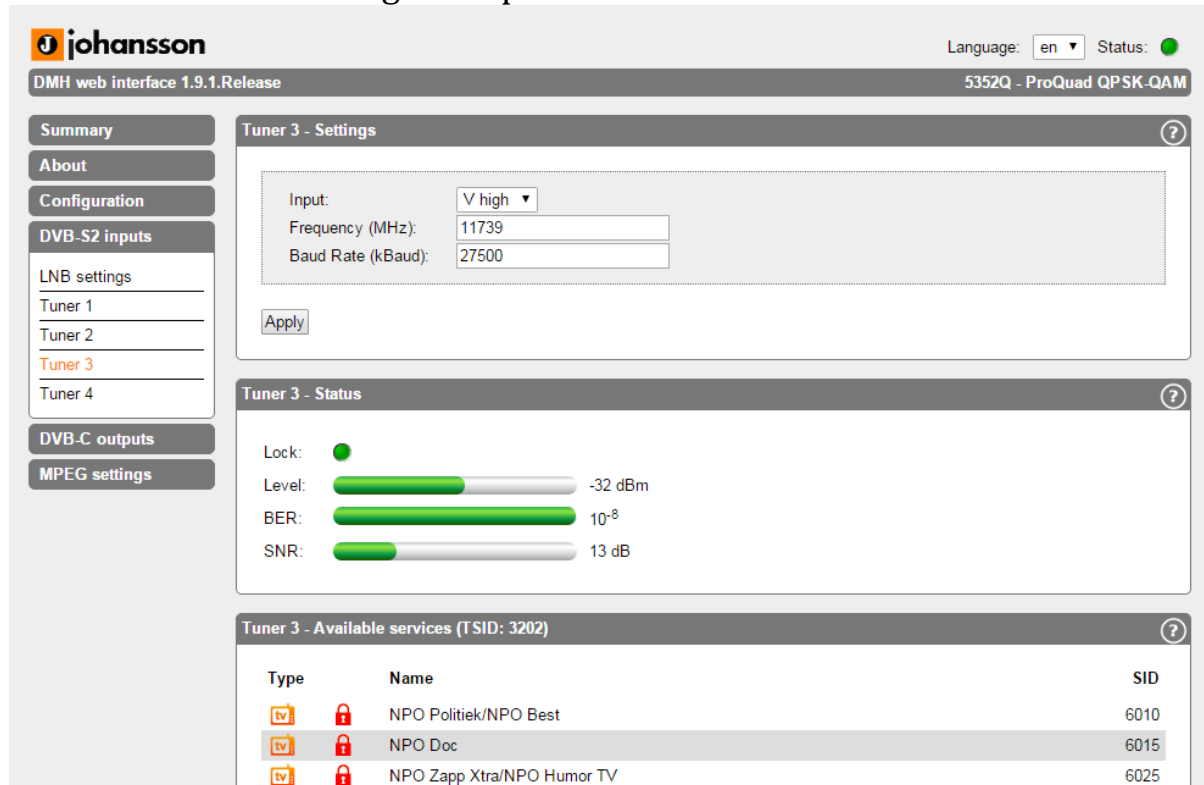
Tuner 2 is also demodulating Transponder 11856 MHz

iv. Tuner 3

Tuner 3 is demodulating Transponder 11739 MHz

v. Tuner 4

Tuner 4 is also demodulating Transponder 11739 MHz

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(IBAN USD) BE 45 4721 0218 0889 - BIC (Swift) KRED BE BB
(IBAN CZK) BE 78 4721 0218 0586 - BIC (Swift) KRED BE BB
(IBAN EUR & USD) BE 69 2850 3331 4778 - BIC (Swift) GEBA BE BB

b. DVB-C outputs
i. Network parameters

All transponders should have the same NID.
The "Original Network ID" should match the Transponder NID

ii. Mux Settings

TID of the Multiplexers should match the TID of the Transponders

iii. Service assignment
1. Mux 1

I've added 2 TV channels (VTM HD and 2BE HD) from Tuner 1 which is demodulating Transponder 11856 MHz.

2. Mux 2

I've added 2 TV channels (VIER HD and Crime Invest) from Tuner 2 which is also demodulating Transponder 11856 MHz.

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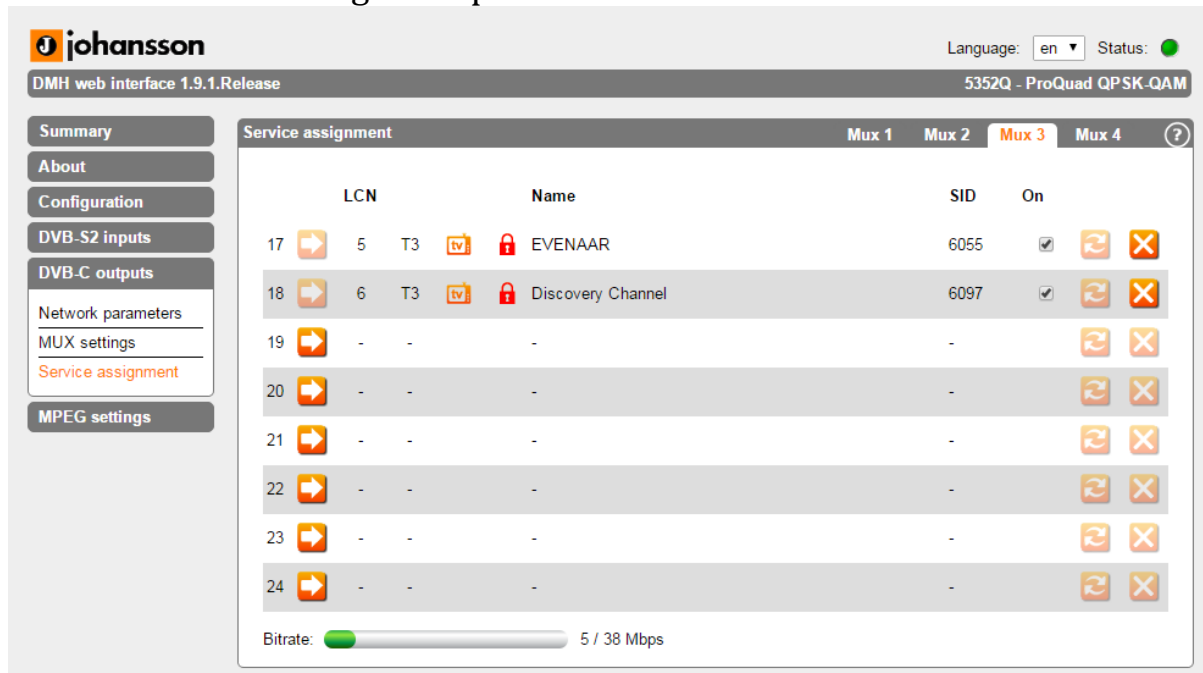
3. Mux 3

I've added 2 TV channels (EVENAAR and Discovery Ch) from Tuner 3 which is demodulating Transponder 11739 MHz.
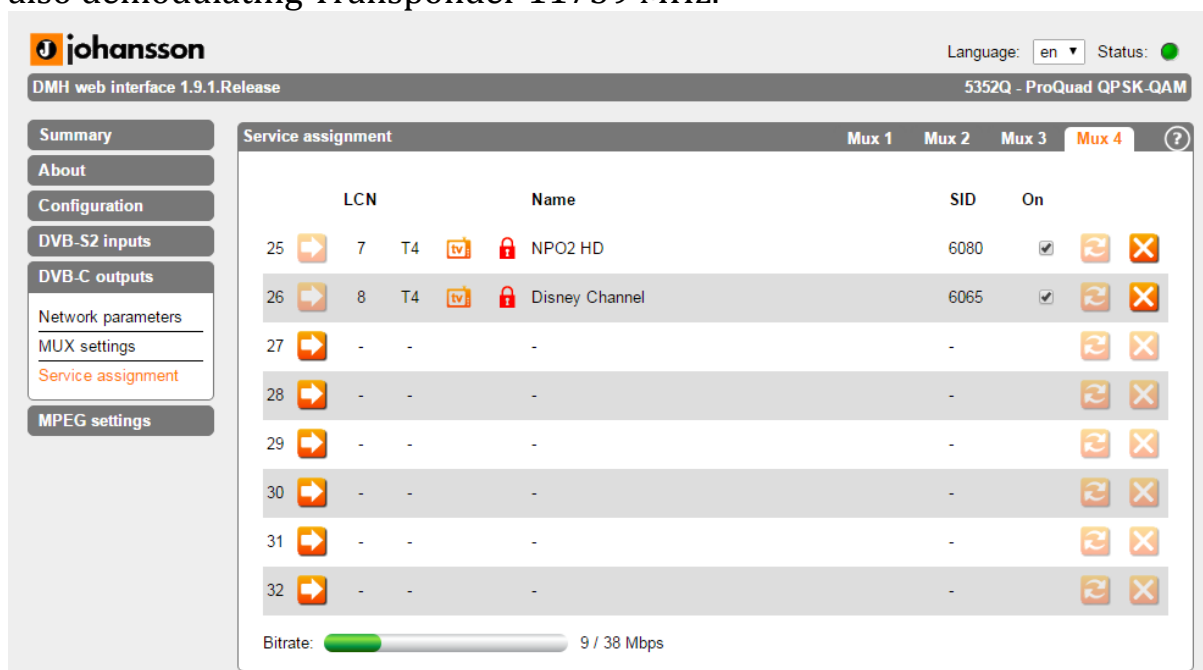
4. Mux 4

I've added 2 TV channels (NPO2 HD and Disney Ch) from Tuner 4 which is also demodulating Transponder 11739 MHz.

c. MPEG settings

"Forward EPG tables" should be enabled and "SID remapping" should be disabled as both don't work together.
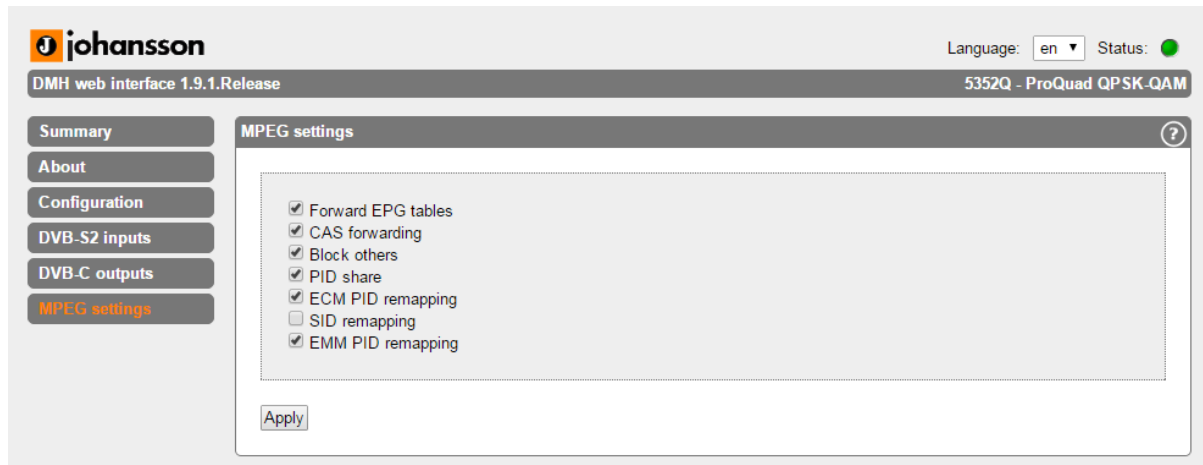
4. Results

EPG information of all TV channels is forwarded and shown on the TV.

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5. Conclusion

EPG forwarding is possible but some prerequisites have to be taken into account, see below.

- There is a one-on-one link between Tuner and Multiplex as EPG information is only forwarded between Tuner and Multiplex with same number, so Tuner 1 forwards EPG tables only to Mux 1 and so on.
- Network ID (NID) of all transponders should be the same and entered in "Network parameters" of transmodulator.
- TID or TSID of each multiplex, see "Mux settings", should match TID of transponder, therefore a multiplex can only contain TV channels coming from the same transponder, they cannot be mixed.
- "Forward EPG tables" should be enabled and "SID remapping" disabled.