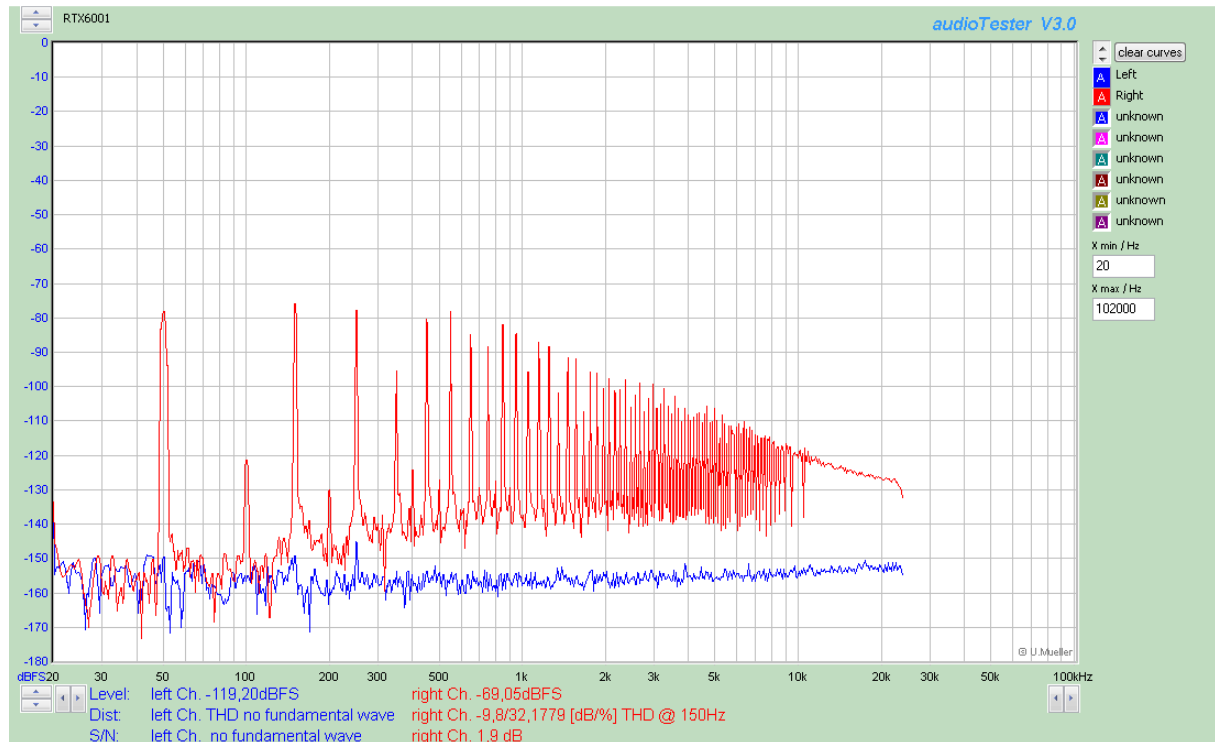


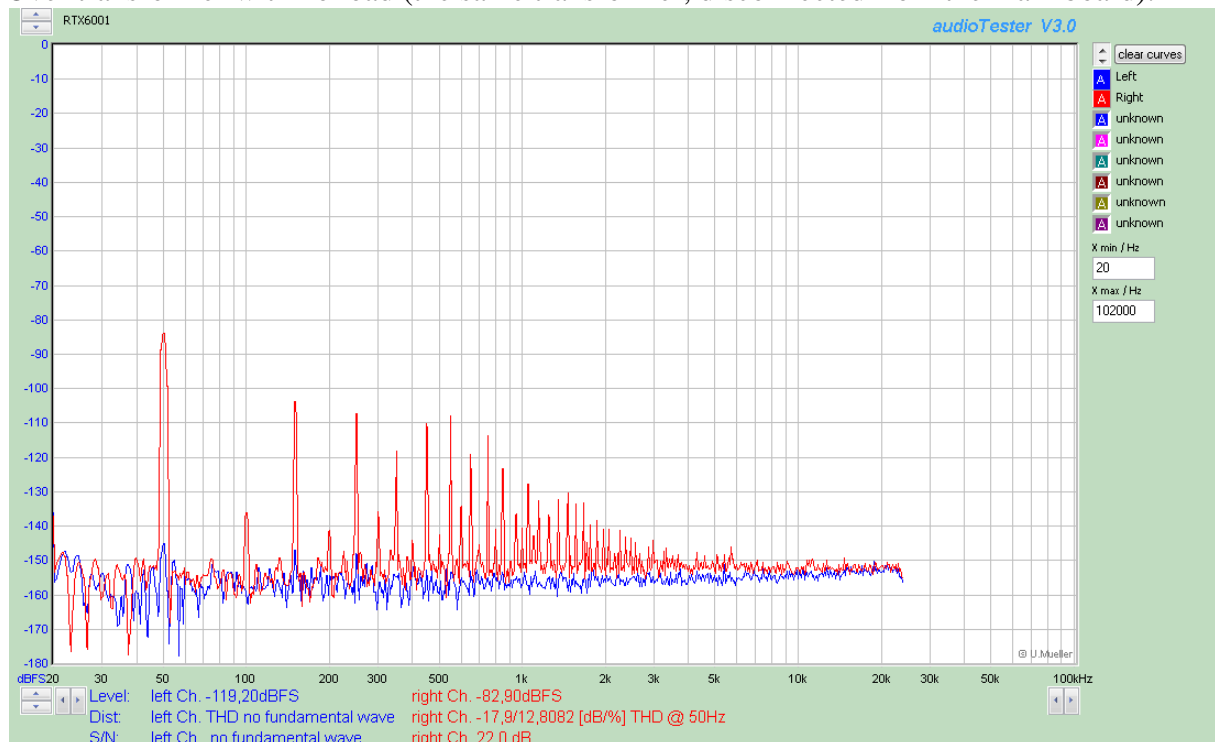
Stray magnetic field from the transformer in the RTX6001.

Pick-up coil: 6 turns of test wire, diameter approx. 50 mm, on top of the transformer.
Input at 1V, FFT 128k, sample freq. 48 kHz

Over transformer in an RTX6001:



Over transformer with no load (the same transformer, disconnected from the main board):



RTX A/S

Ref. : jh

Doc. : Stray magnetic field from the transformer in the

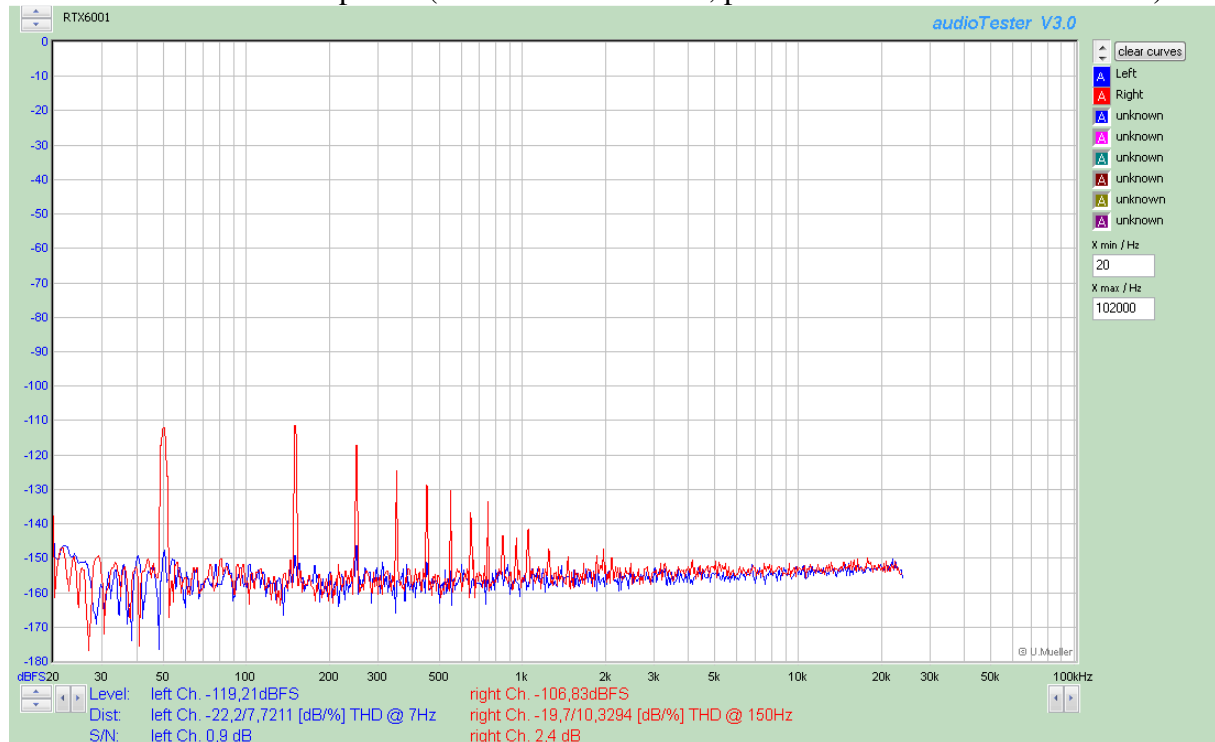
RTX6001_181112_2.docx

Date : 12-nov-2018

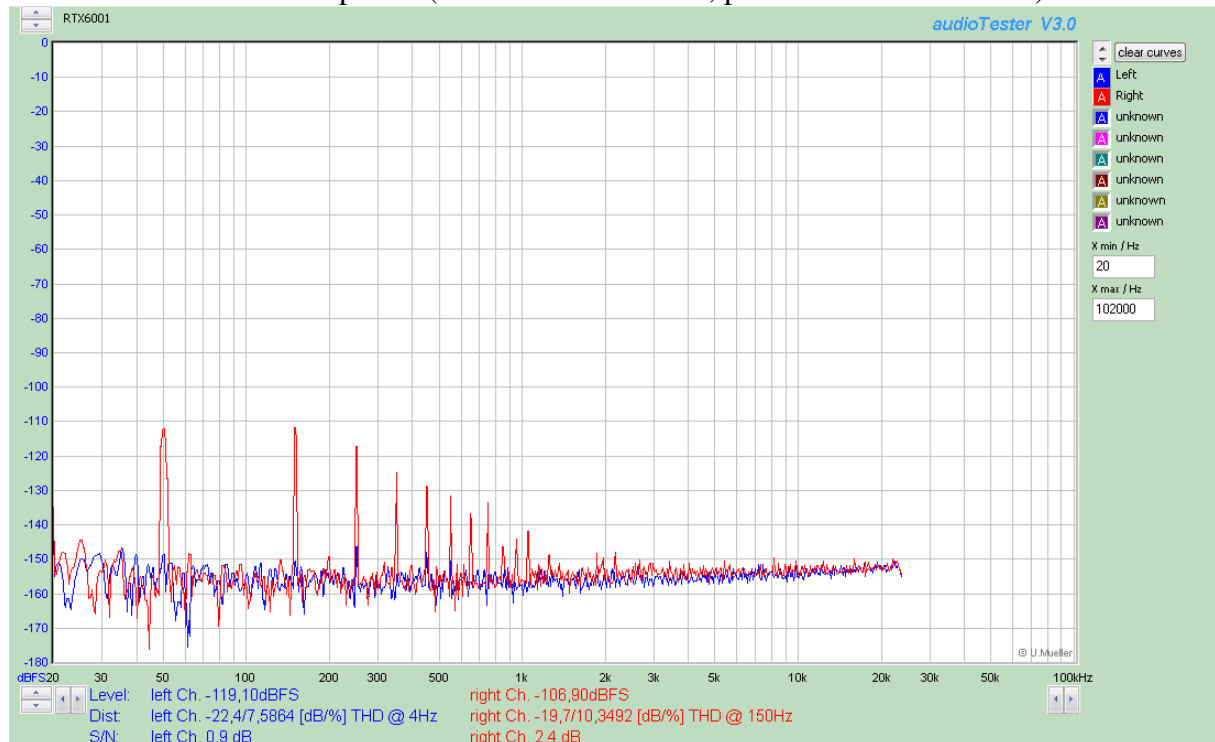
Page : 1 of 3 page(s)

Reviewed by:

Over transformer with no power (the same transformer, power turned OFF at front switch):



Over transformer with no power (the same transformer, power line disconnected):



RTX A/S

Ref. : jh

Doc. : Stray magnetic field from the transformer in the

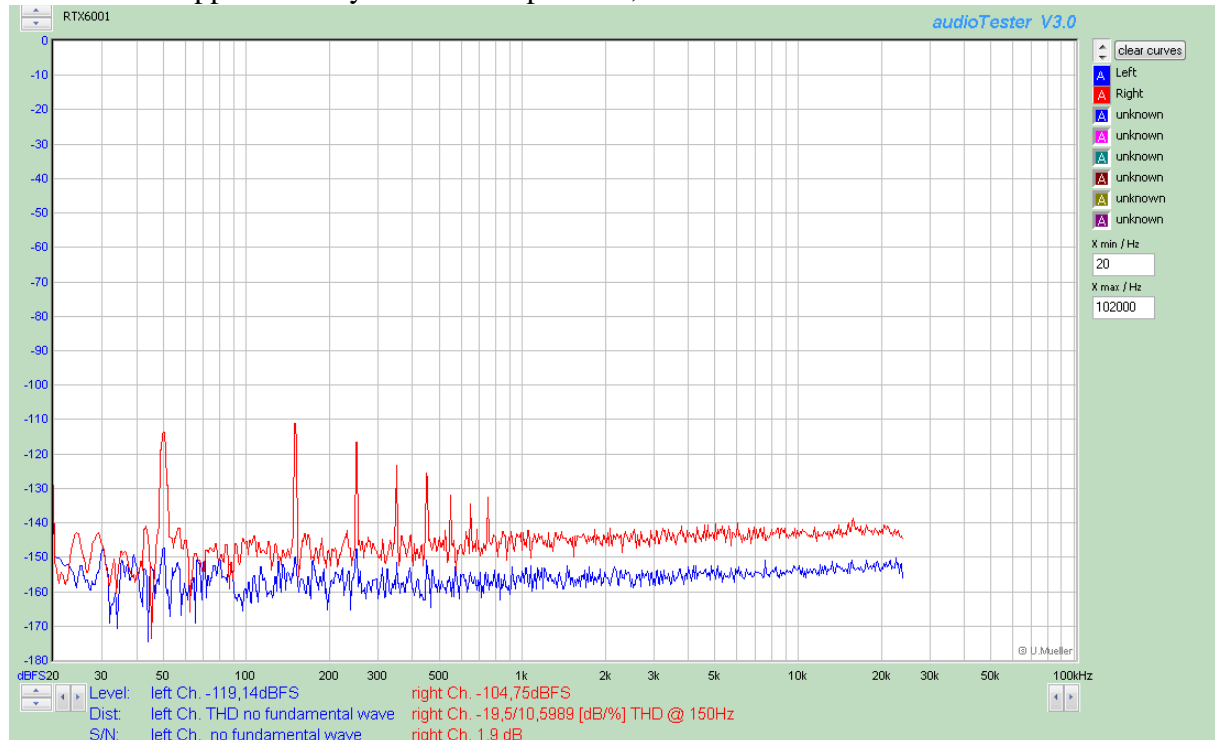
RTX6001_181112_2.docx

Date : 12-nov-2018

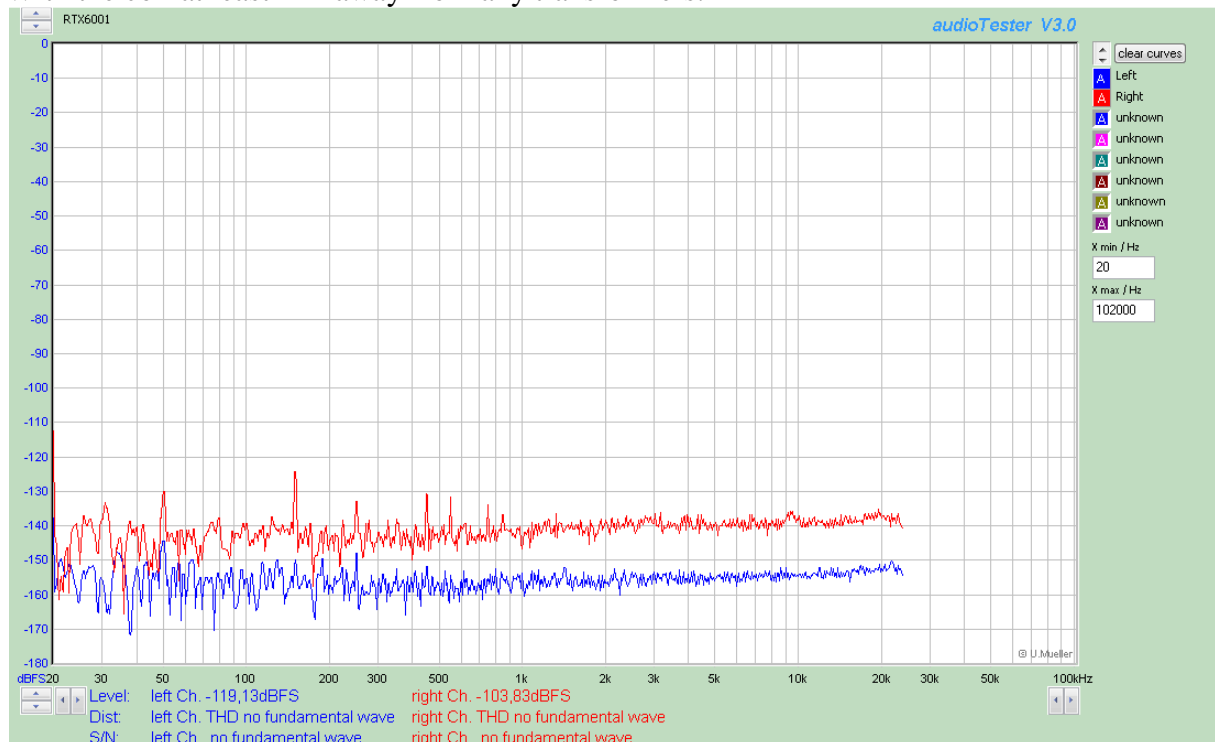
Page : 2 of 3 page(s)

Reviewed by:

With the coil approximately in the same position, but RTX6001 and transformer removed:



With the coil at least 1 m away from any transformers:



There was some magnetic fields from the surroundings where the RTX6001 was placed, but this only makes a minor difference. The main difference is between the first two measurements, where a no-load condition reduces the harmonics (not 50 Hz) by around 30dB.

RTX A/S

Ref. : jh

Doc. : Stray magnetic field from the transformer in the

RTX6001_181112_2.docx

Date : 12-nov-2018

Page: 3 of 3 page(s)

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