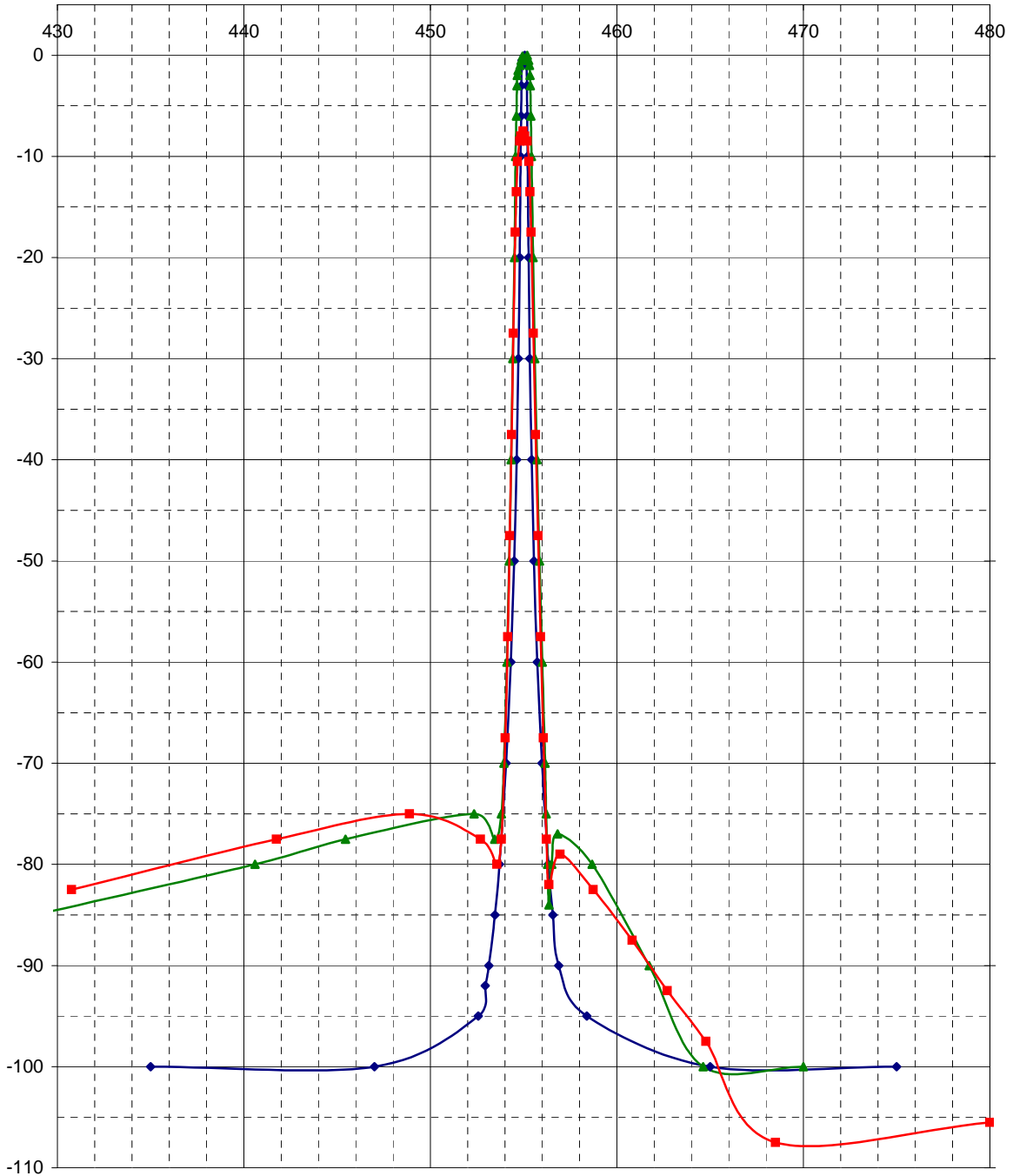


Filterboard from NRD-515 "Peter"

BLUE = original JRC (NDK) YF455DPB "300 Hz" Z= 600 Ohm
-6 dB = 333 Hz | -60 dB = 1423 Hz | shape 60/6 = 4.273 = BAD ! | loss = 1.8 dB
It's a rather straddle legged curve

KOKUSAI - MF-455-03AZ121 "600 Hz" Z = 1000 Ohm

GREEN = -6 dB = 783 Hz | -60 dB = 1.897 kHz | shape 60/6 = 2.423 | loss ± 4 dB
total filter board measured, so with both Z transfer transformers (2:1 and 1:2)
RED curve = same filter, but before the cleaning, loss was about 11.5 dB
(to compare: the red curve is shifted down 11.5 - 4 = 7.5 dB until over the green curve)
The piezo transducers are now placed in new foam spacers (studs) at both ends



Filterboard from NRD-515 "Peter"

BLUE = original JRC (NDK) YF455DPB "300 Hz" Z = 600 Ohm
-6 dB = 333 Hz | -60 dB = 1423 Hz | shape 60/6 = 4.273 = BAD ! | loss = 1.8 dB
It's a rather straddle legged curve

KOKUSAI - MF-455-03AZ121 "600 Hz" Z = 1000 Ohm
GREEN = -6 dB = 783 Hz | -60 dB = 1.897 kHz | shape 60/6 = 2.423 | loss ± 4 dB
total filter board measured, so with both Z transfer transformers (2:1 and 1:2)
RED curve = same filter, but before the cleaning, loss was about 11.5 dB
(to compare: the red curve is shifted down 11.5 - 4 = 7.5 dB until over the green curve)
The piezo transducers are now placed in new foam spacers (studs) at both ends

