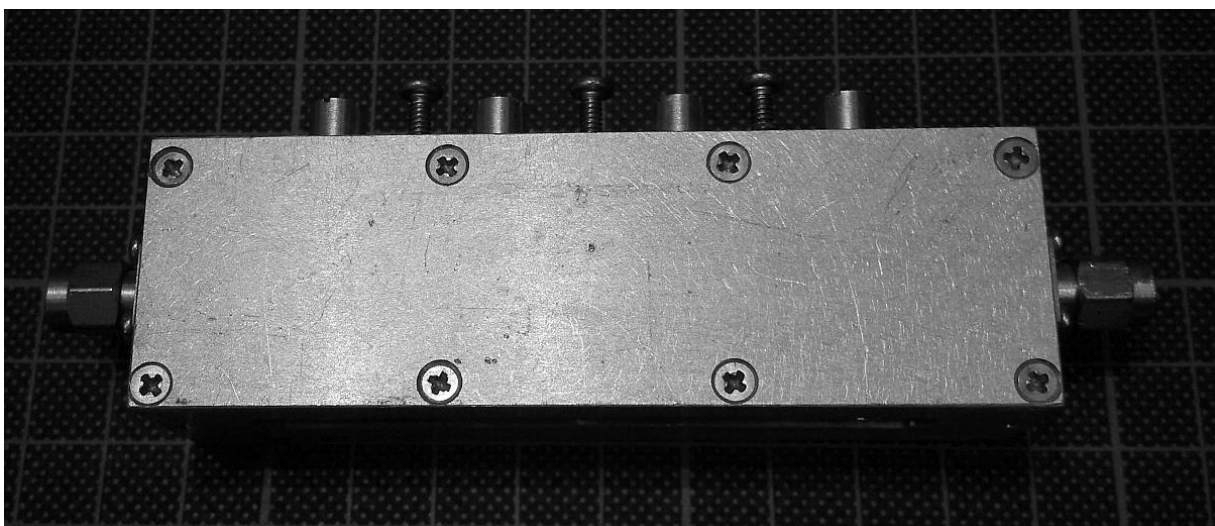
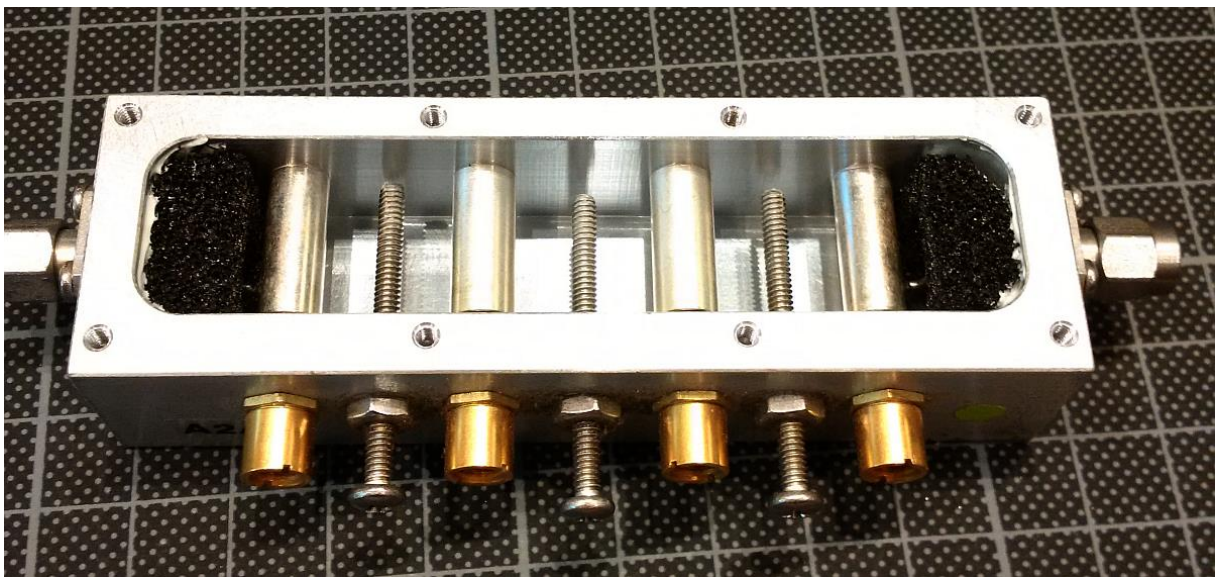
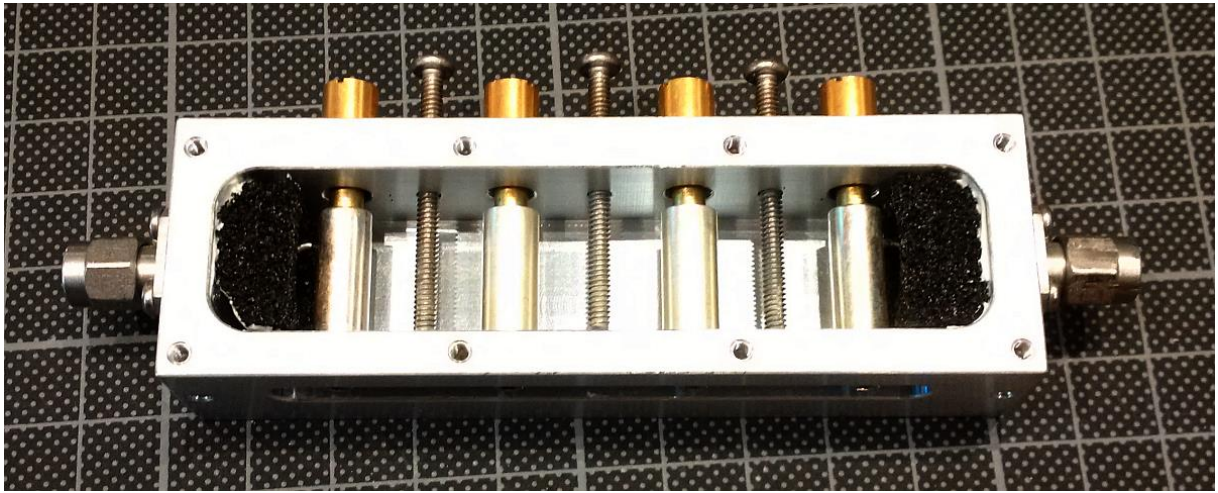


MITEQ FLT-104052 BPF retuned from 2240 to 2350 MHz

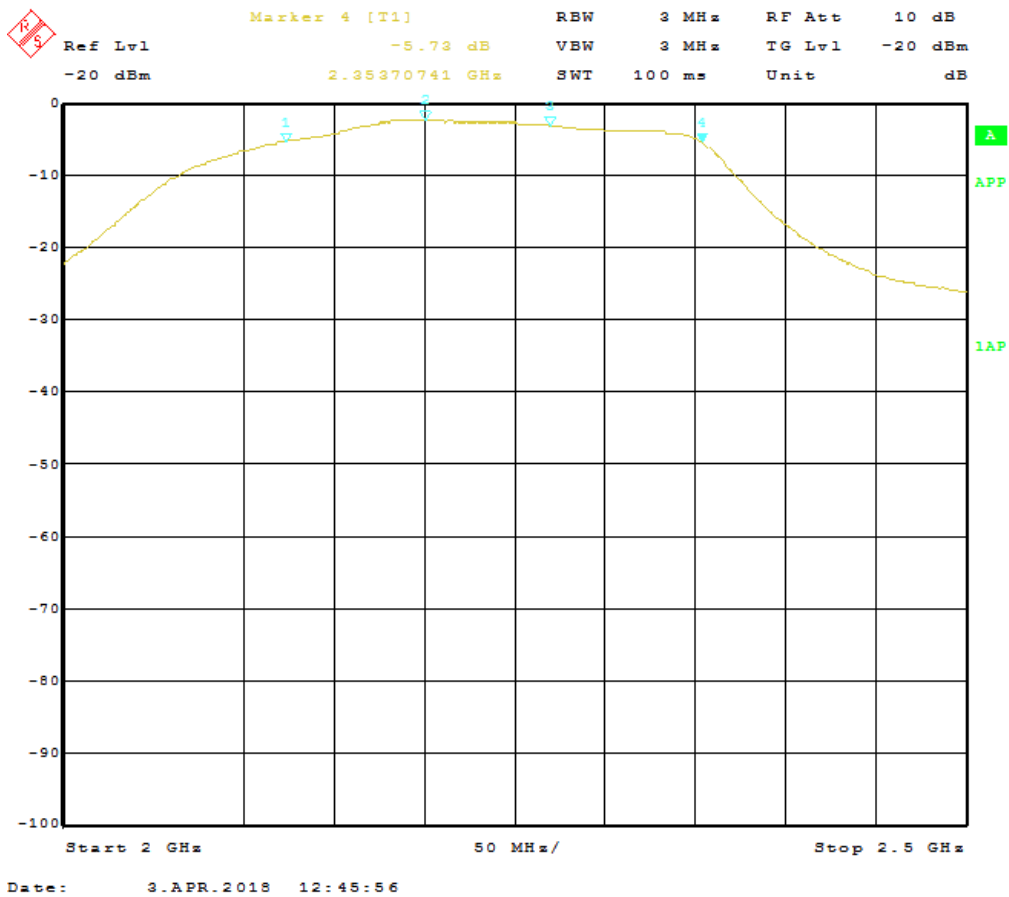
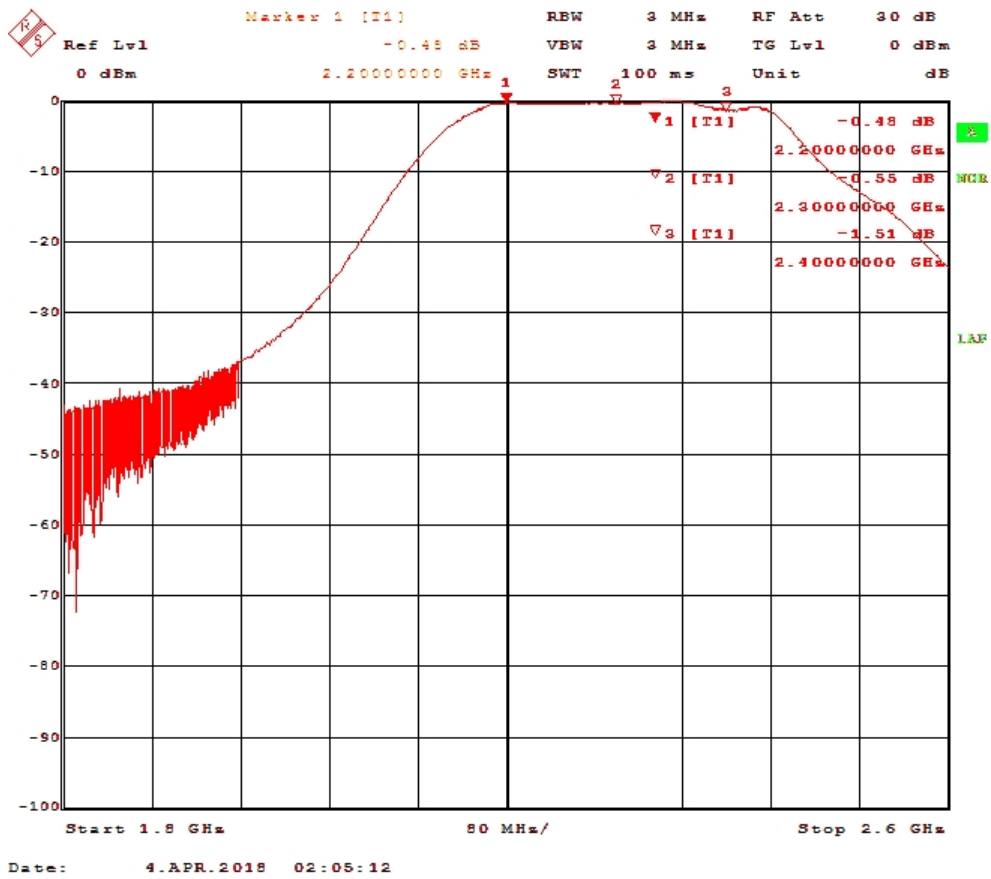
Matthias , DD1US, August 5th 2019

Needing a bandpass filter for 2300-2450 MHz I decided to retune a filter from MITEQ which I already had at hands. The filter FLT-104052 was originally tuned to 2240 MHz. Here are some pictures of the filter:

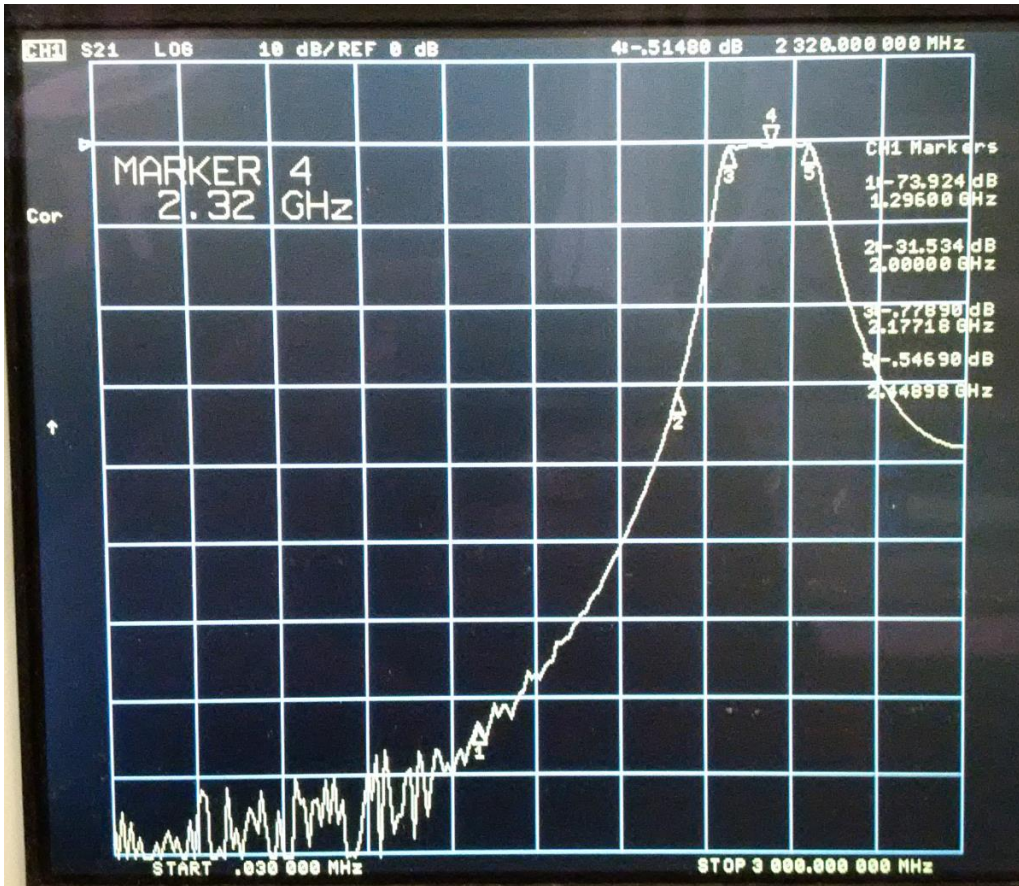




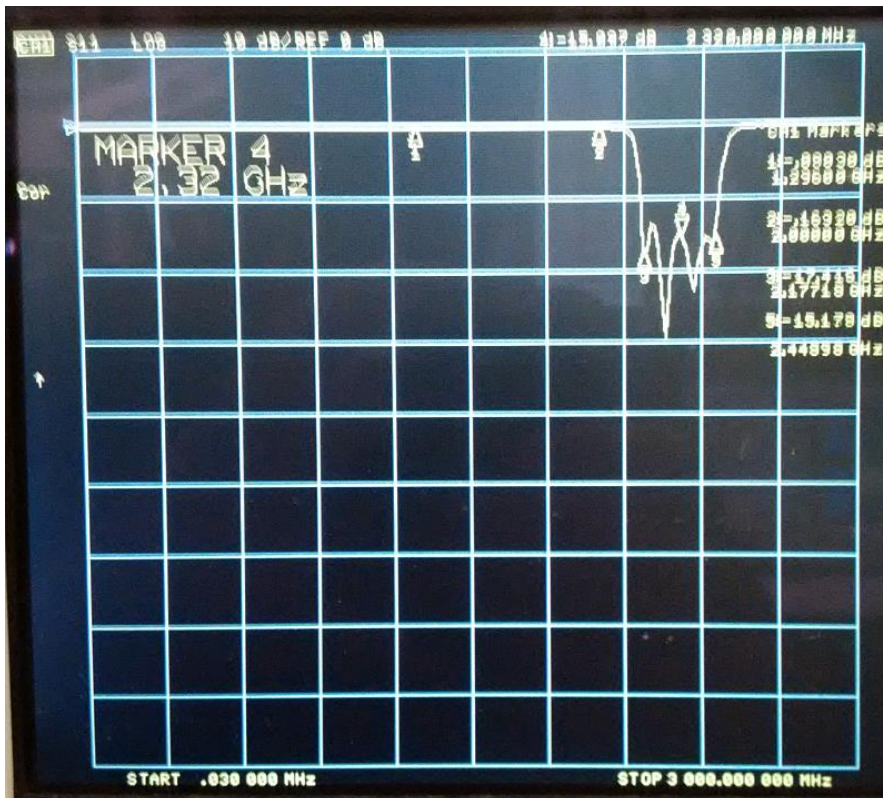
Here is the measurement data I got with the filter before I returned it:

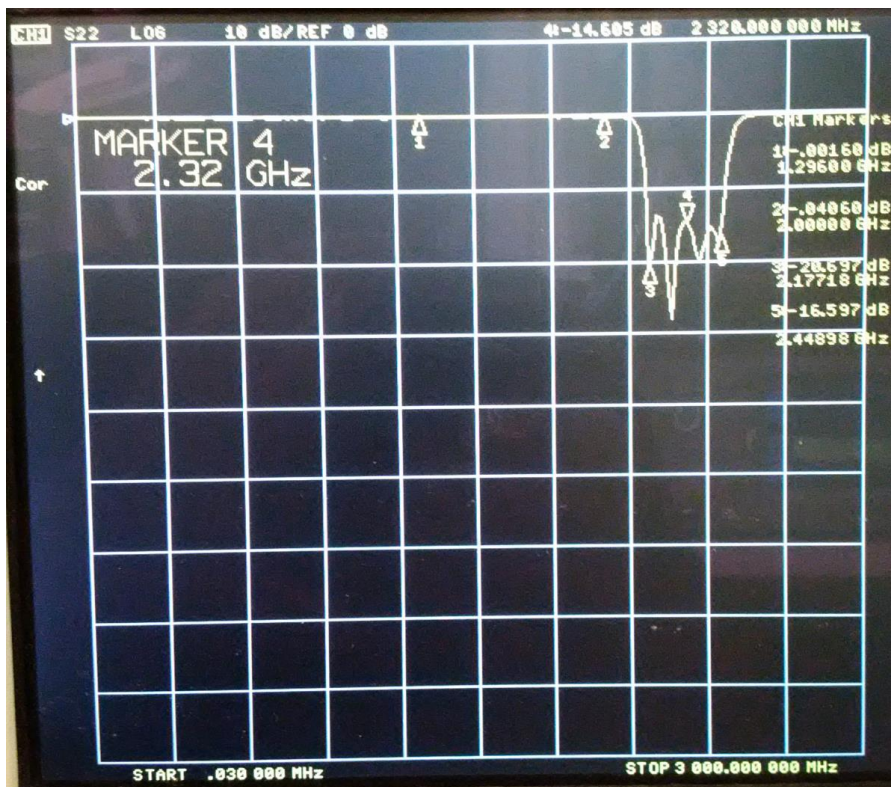


After retuning the filter, the insertion loss in the passband from 2200-2450 MHz is below 0.7dB:



Input matching S11 and output matching S22 in the passband are better than 15dB (VSWR 1:1.4):







I always appreciate feedback and will be happy to answer questions.

Please send them to the Email address given below.

Many thanks in advance.

Best regards

Matthias DD1US

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