

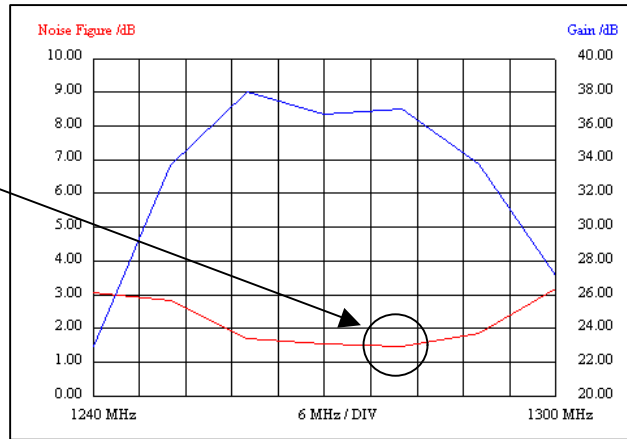
# CC230b - 23cm preamplifier KIT

## I – comparison vs. box in debug phase

After some modifications

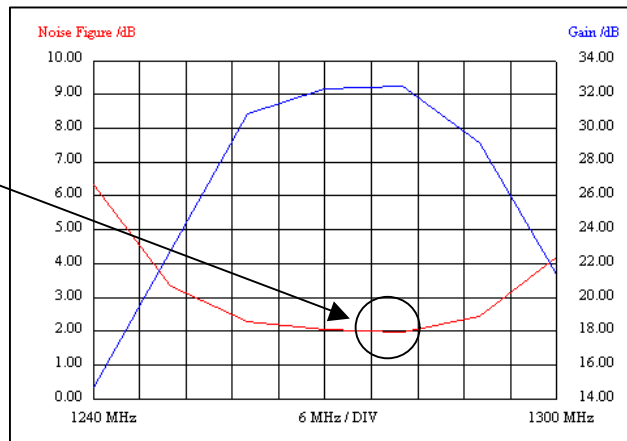
Opened box

NF min = 1.5dB @ 1275MHz  
Gain = 36.5dB



Closed box

NF min = 2.0dB @ 1275MHz  
Gain = 32.5dB



## II – With the best position of the input inductor

Closed box

NF min = 1.0dB @ 1275MHz  
Gain = 36.0dB

