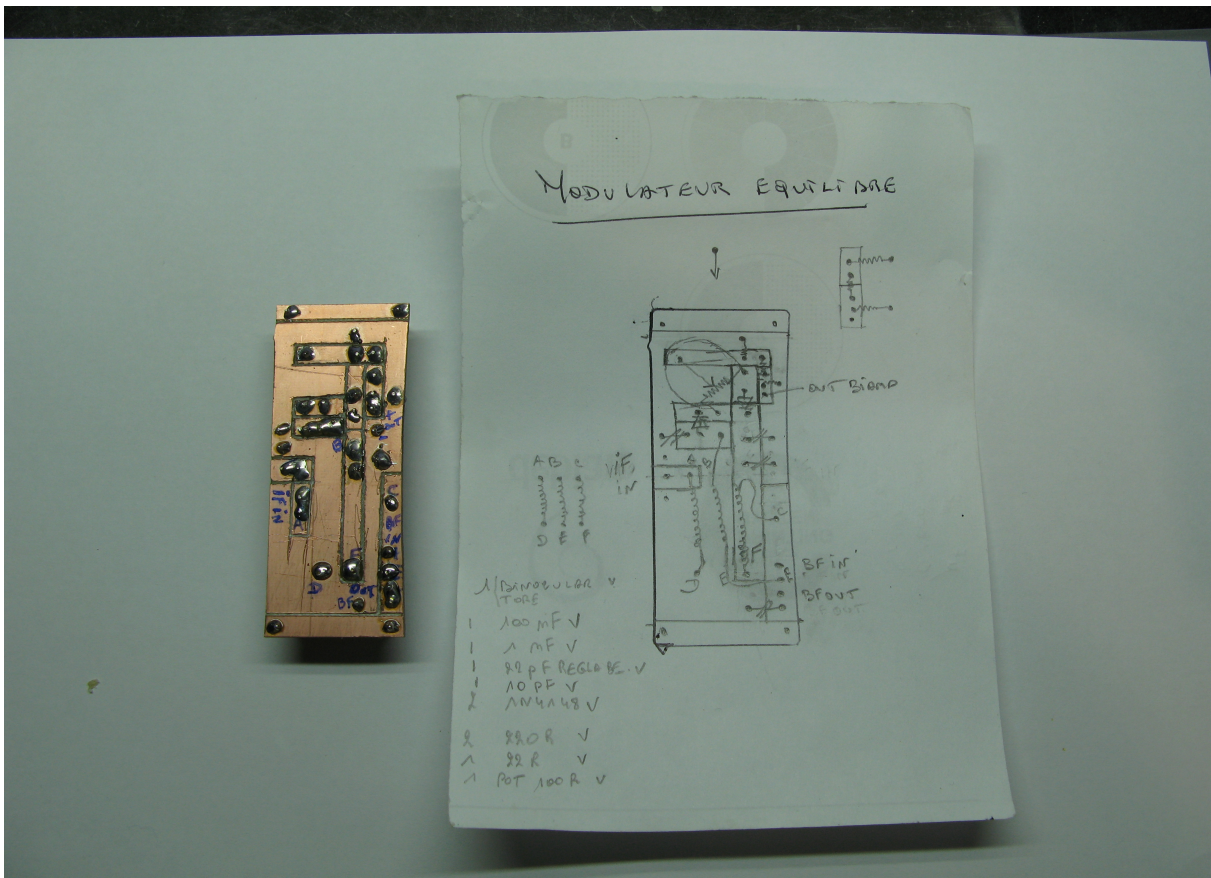
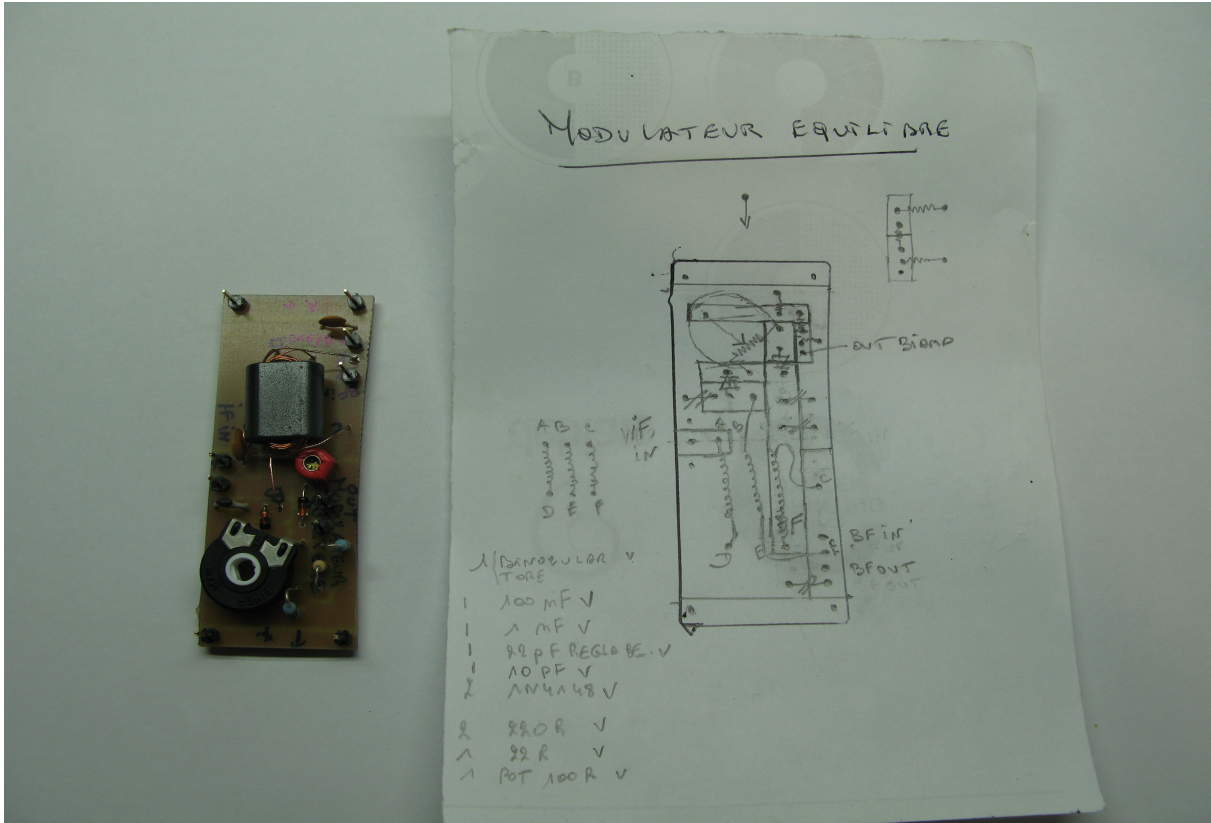


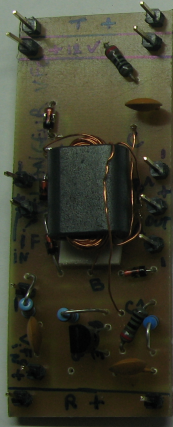
Voici enfin tous les petits modules terminés !

Il manque le filtre à quartz, mais comme il faut mesurer, je l'ai placé à la fin dans la partie « mesures et débogage (hi) » avant la fin « assemblage final et voir si ce truc marche !! (hi3x) »

Ci-après du « component porn », comme on dit on-line, qui vous permet de voir les dessous ... et mes élucubrations scripturales en attendant les mesures ...

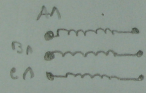


# MELANGEUR VFO

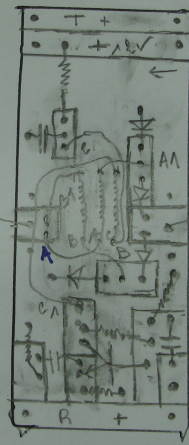


T<sub>v</sub> BALNOICORE - 9

T ORE JAUNE

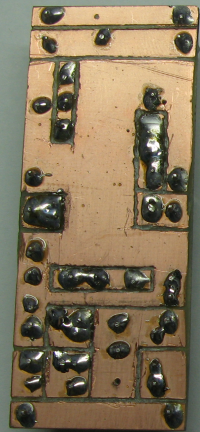


- 1 Binoeular v
- 3300 mF... V
- 2 1k ... V
- 1 10k ... V
- 2 100k ... V
- 1 BC 547 - V
- 4 1N4148 - V



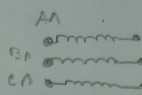
à reman.

# MELANGEUR VFO

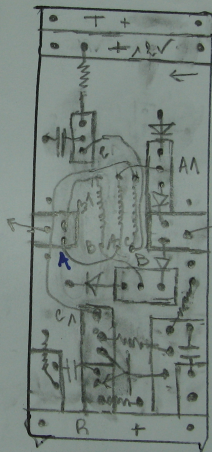


T<sub>v</sub> BALNOICORE - 9

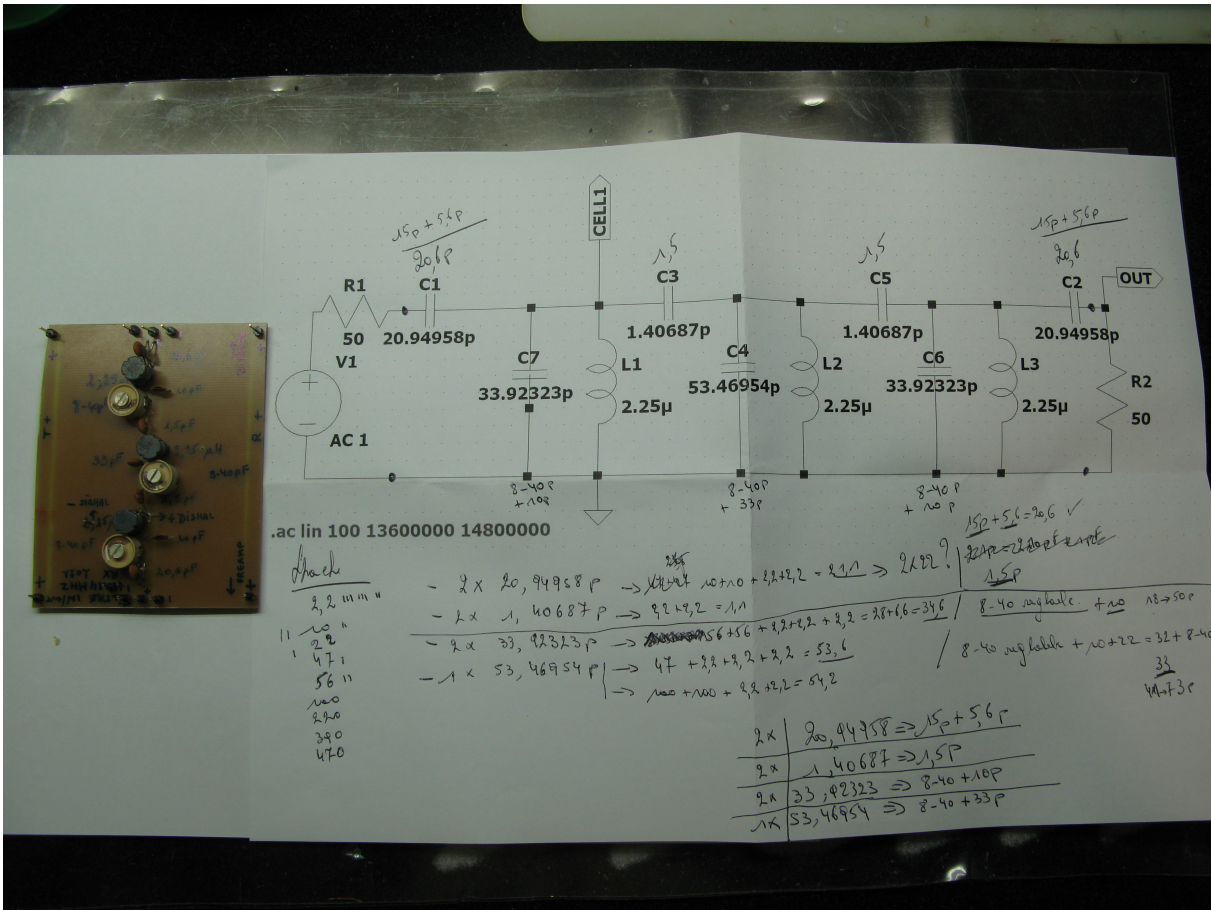
T ORE JAUNE



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- 2 1k ... V
- 1 10k ... V
- 2 100k ... V
- 1 BC 547 - V
- 4 1N4148 - V



à reman.



The image shows a photograph of a PCB on the left and a circuit diagram with handwritten calculations on the right. The circuit diagram is a ladder network with an AC source (AC 1) and a load resistor (R2 = 50). The components are:

- R1: 50
- C1: 20.94958p
- C7: 33.92323p
- L1: 2.25μ
- C3: 1.40687p
- C4: 53.46954p
- L2: 2.25μ
- C5: 1.40687p
- C6: 33.92323p
- L3: 2.25μ
- C2: 20.94958p
- R2: 50

Handwritten calculations include:

$15p + 5.6p = 20.6$   
 $20.6 \approx 20.94958p$   
 $1.5p$   
 $8.40p + 10p = 18.4p$   
 $8.40p + 33p = 41.4p$   
 $8.40p + 10p = 18.4p$

$2 \times 20.94958p \rightarrow 41.89916p$   
 $2 \times 1.40687p \rightarrow 2.81374p$   
 $2 \times 33.92323p \rightarrow 67.84646p$   
 $1 \times 53.46954p \rightarrow 53.46954p$

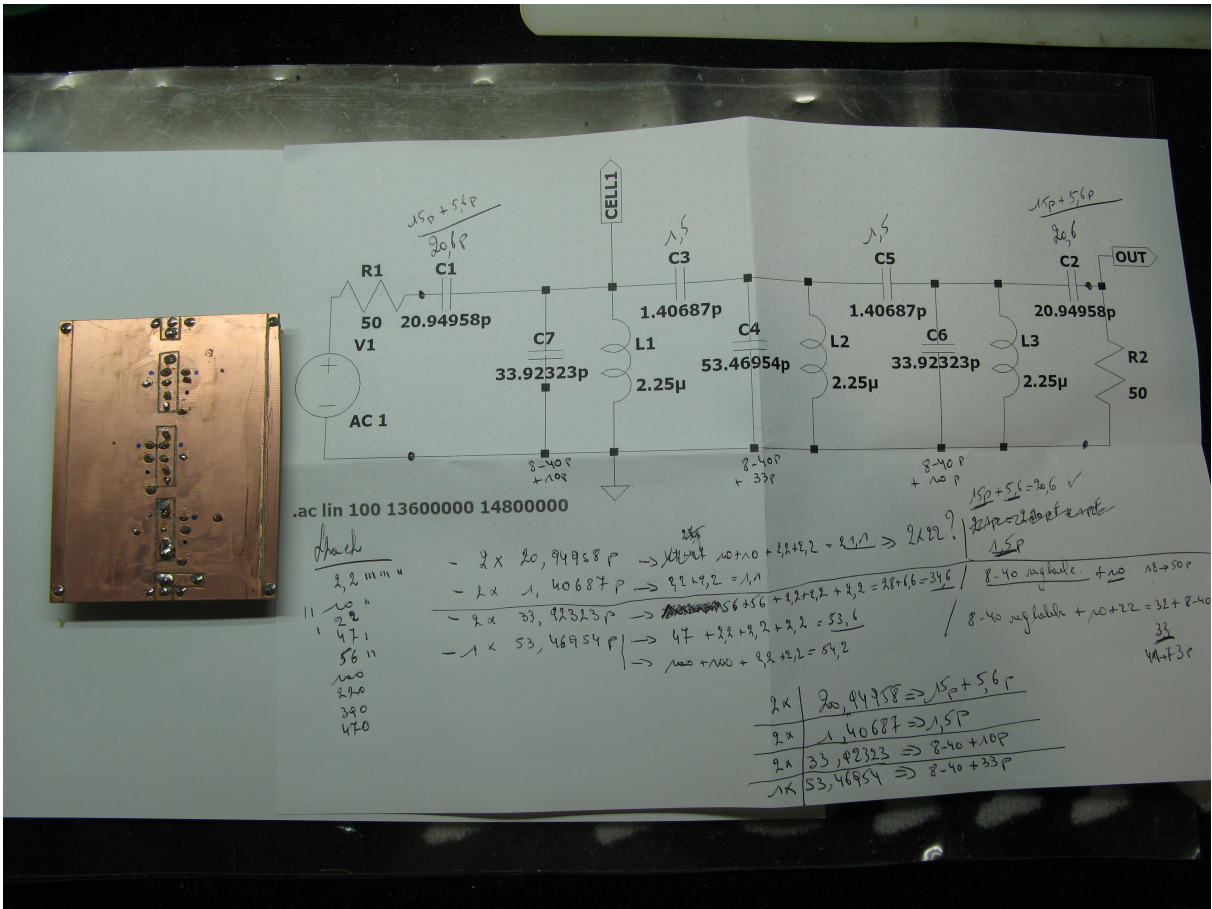
$2 \times 20.94958p \Rightarrow 15p + 5.6p$   
 $2 \times 1.40687p \Rightarrow 1.5p$   
 $2 \times 33.92323p \Rightarrow 8.40 + 10p$   
 $1 \times 53.46954p \Rightarrow 8.40 + 33p$

$2.2 \text{ mm}''$   
 $11 \text{ } 2.2''$   
 $2.2''$   
 $47.1''$   
 $56''$   
 $100$   
 $2.20$   
 $39.0$   
 $47.0$

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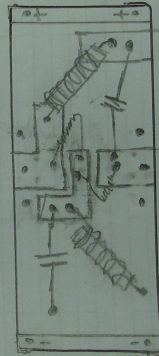
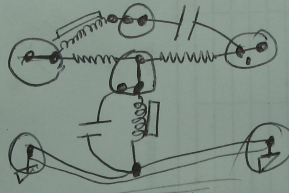
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perte d'insertion -0,5 dBm

DIPLEXER

dans les sens!  
 $\begin{matrix} \rightarrow T \\ \leftarrow R \end{matrix}$



Fréquence 14,1 MHz  
 $C_1$  et  $C_2$  225,8 pF  
 $L_1$  et  $L_2$  0,56  $\mu$ H  
 $A_1$  et  $A_2$  5 A

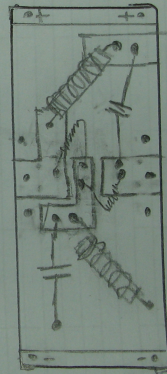
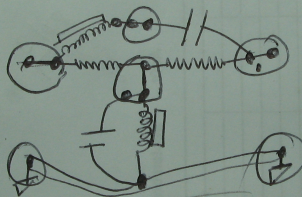
TORRE  $\rightarrow$  WATERIER  $\rightarrow$  MS ? 2 ou 6  
 $\rightarrow$  dimensions ?  
 $\rightarrow$  debant / cauck ?



perte d'insertion -0,5 dBm

DIPLEXER

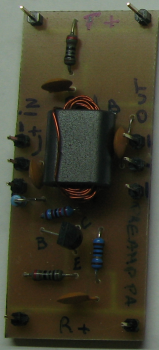
dans les sens!  
 $\begin{matrix} \rightarrow T \\ \leftarrow R \end{matrix}$



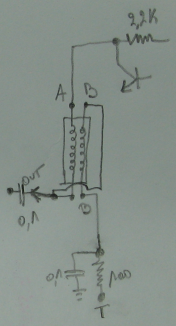
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TORRE  $\rightarrow$  WATERIER  $\rightarrow$  MS ? 2 ou 6  
 $\rightarrow$  dimensions ?  
 $\rightarrow$  debant / cauck ?

PRE AMP PA



- 1. BC547 v
- 1. SINUSUAL v
- 4. 100 nF v
- 2. 100 R v
- 1. 10R v
- 1. 1k v
- 1. 2,2K v



PRE AMP PA



- 1. BC547 v
- 1. SINUSUAL v
- 4. 100 nF v
- 2. 100 R v
- 1. 10R v
- 1. 1k v
- 1. 2,2K v

