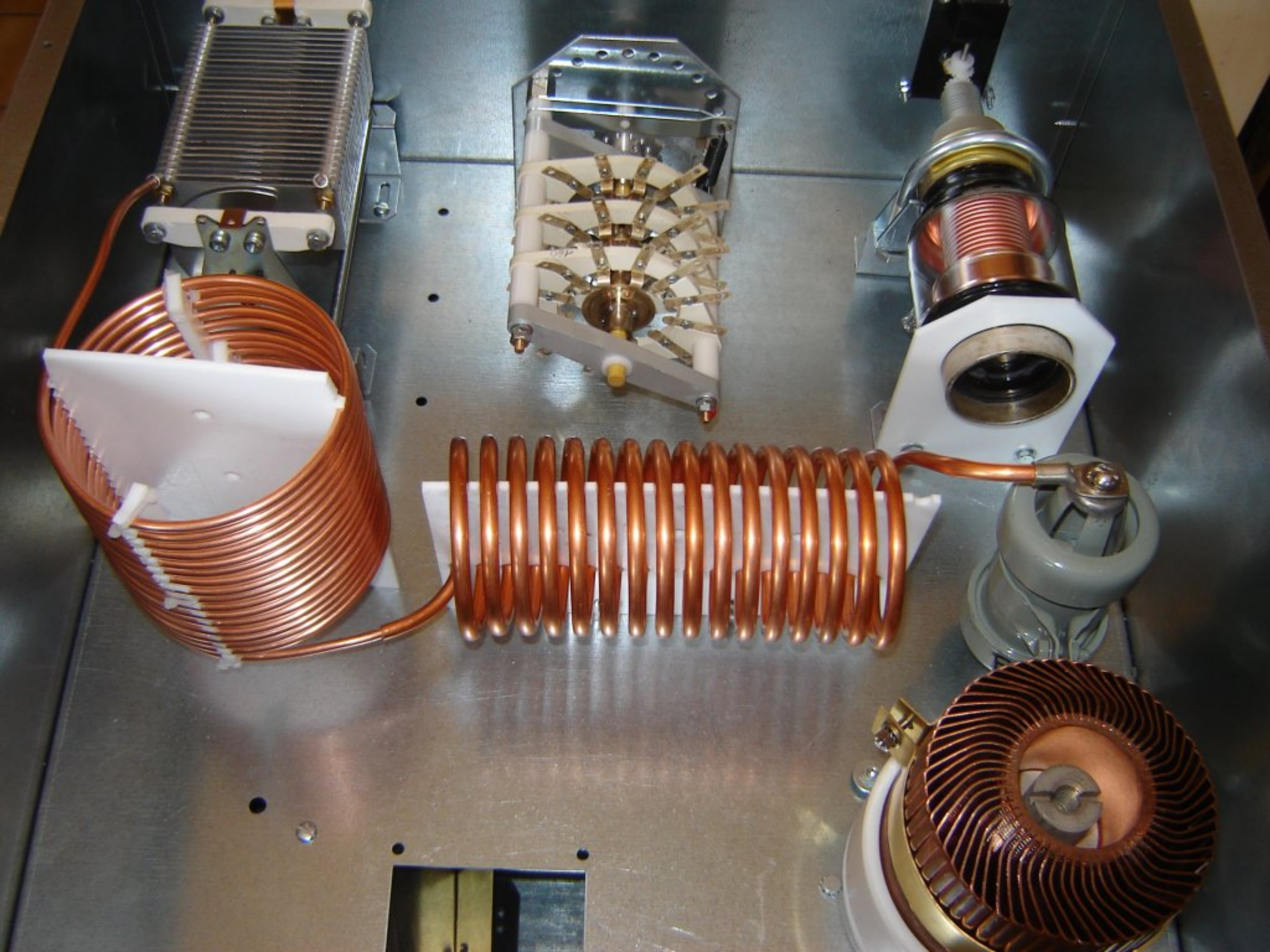
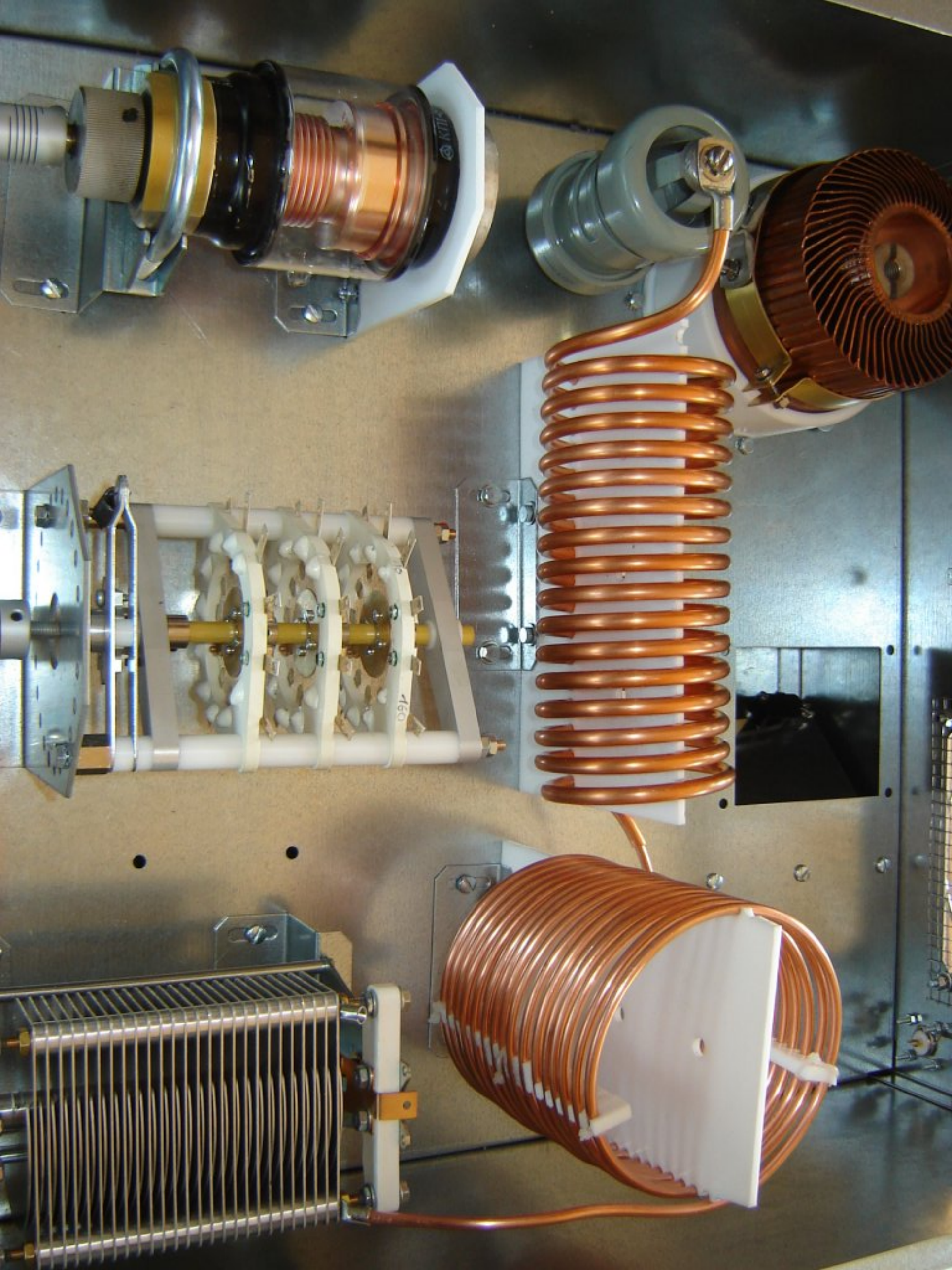
GS-35b LINEAR AMPLIFIER
2-2.5 kW 1.8-30 MHz
DESIGN F1FRV 2016
PLATE
40
30
20
17
15
12
60
80
160
0
15
30
45
60
75
90
105
120
135
150
165
180

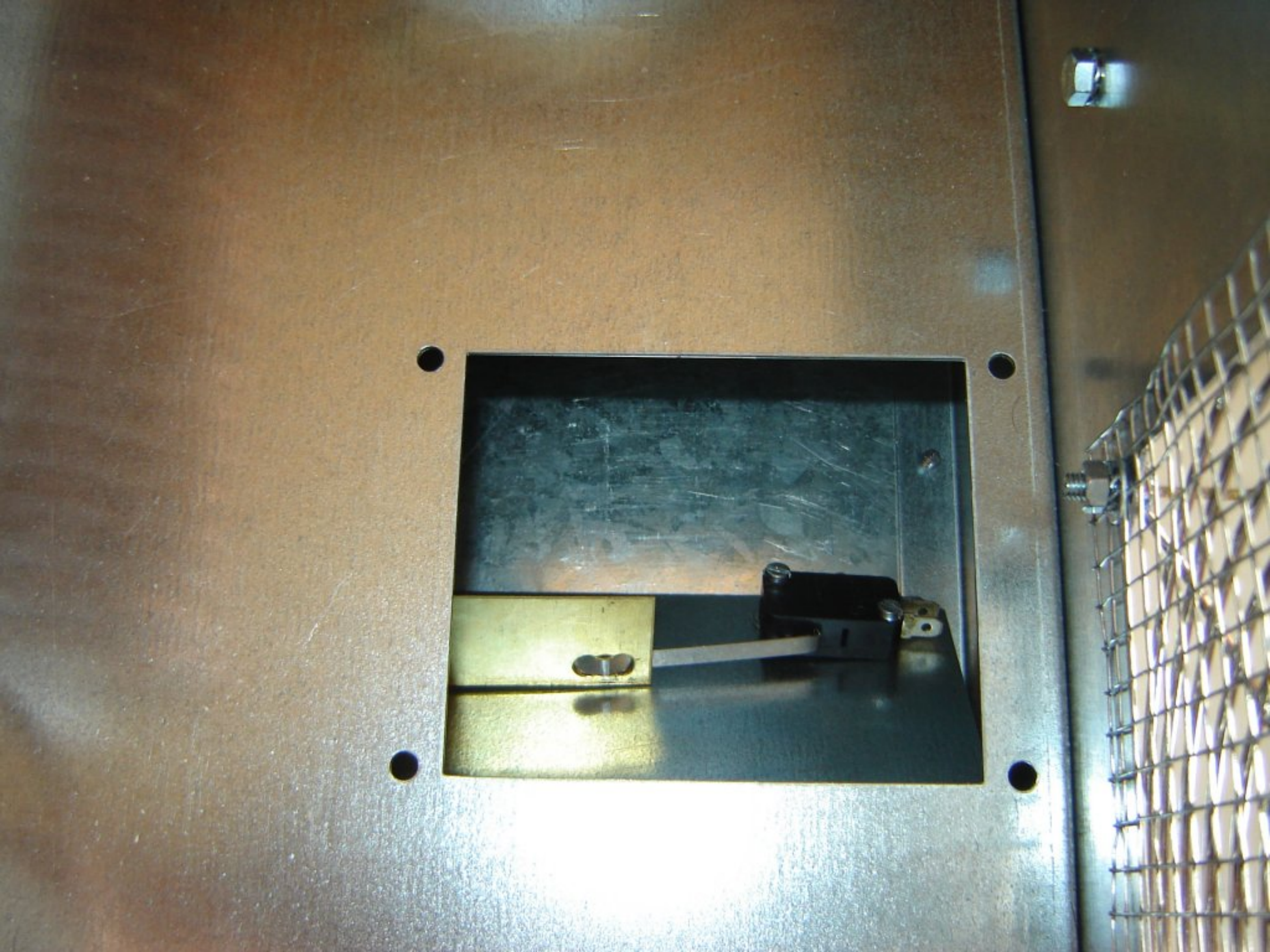
GS-35b LINEAR AMPLIFIER
2-2.5 kW 1.8-30 MHz
DESIGN F1FRV 2016

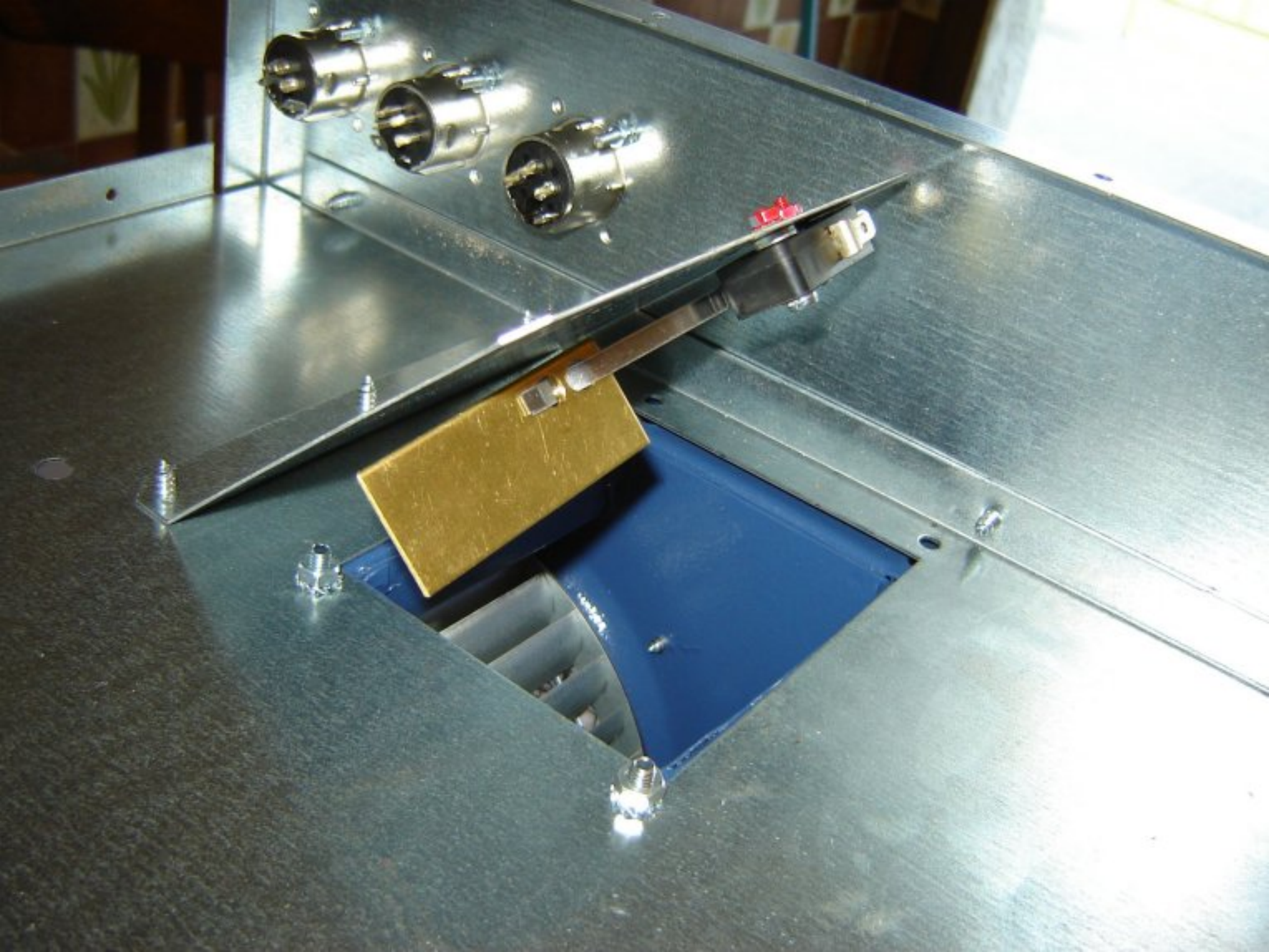


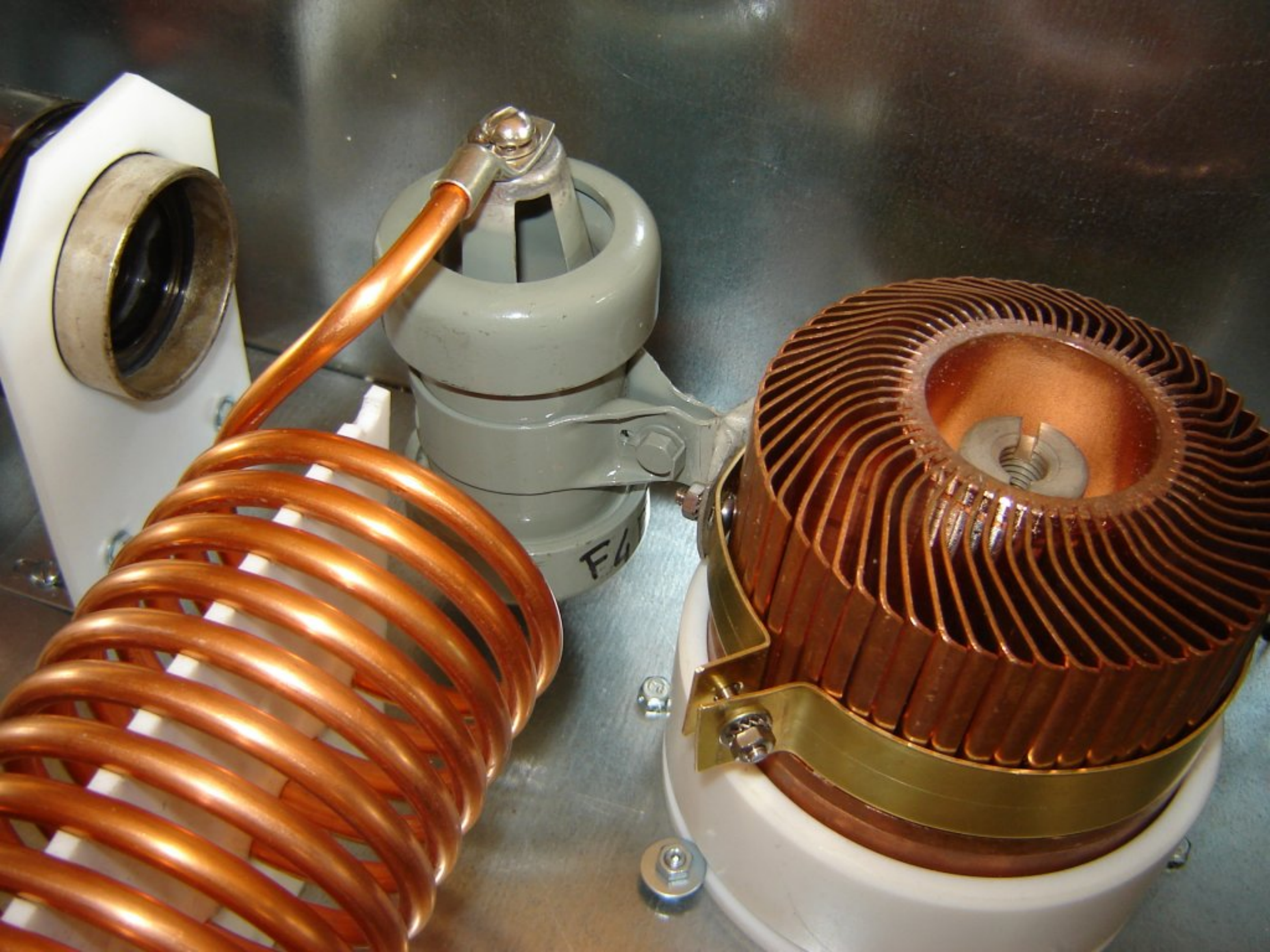


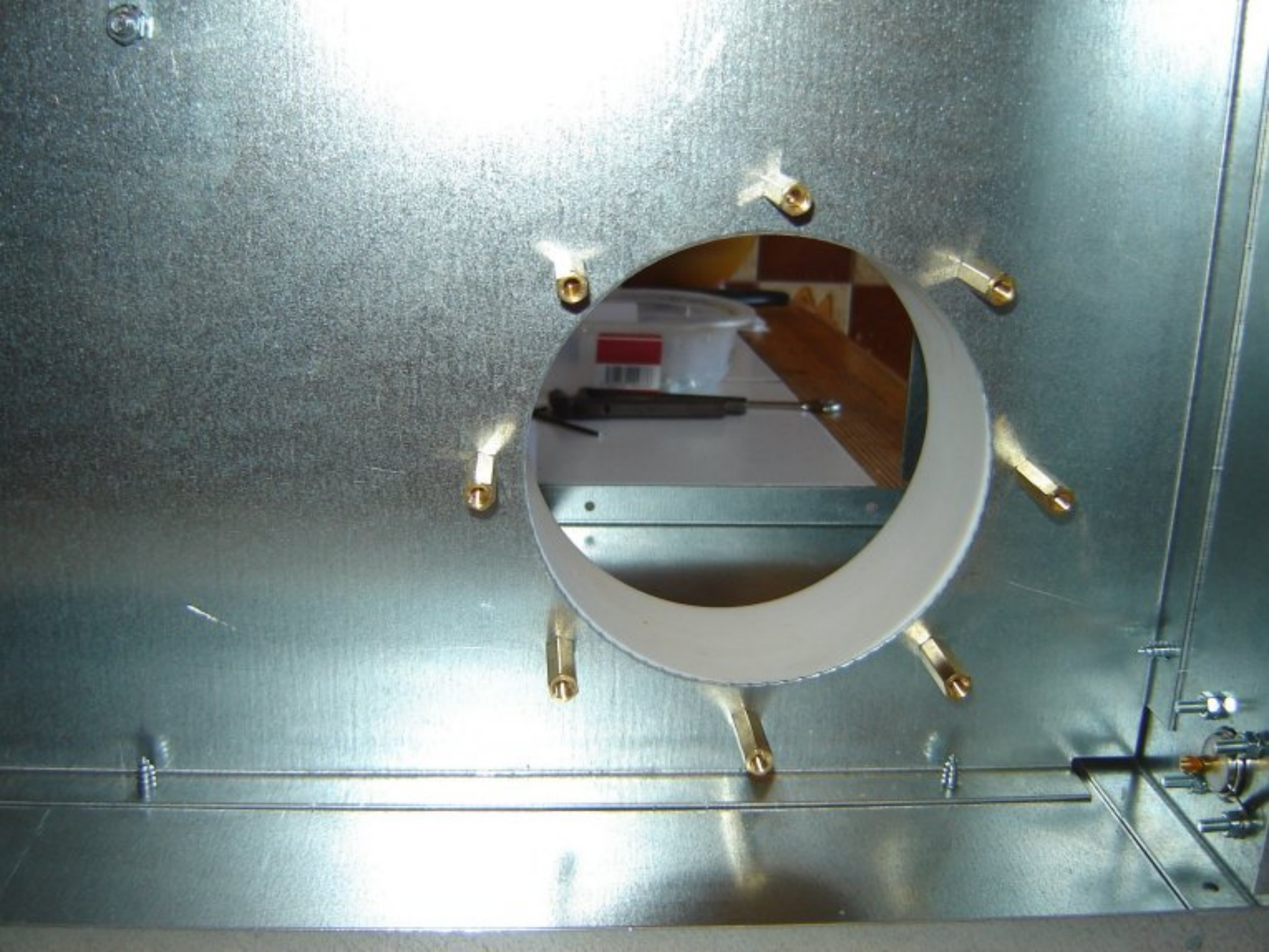
GS-35b LINEAR AMPLIFIER
2-2.5 kW 1.8-30 MHz
DESIGN F1FRV 2016
PLATE
160 80 60 40 30 20 17 15 12 10
BAND
0 15 30 45 60 75 90 105 120 135 150 165 180
LOAD

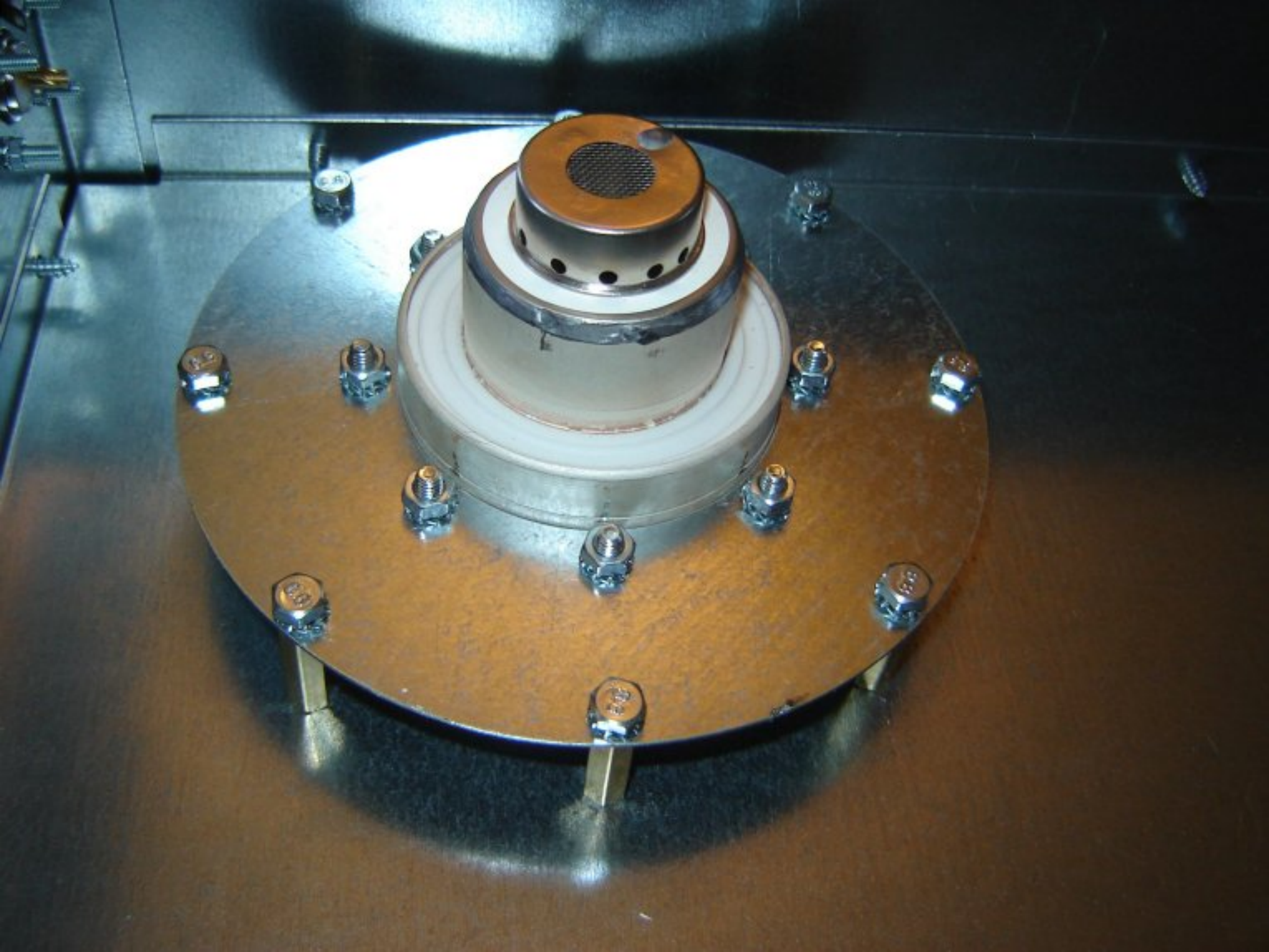
OUTPUT
INPUT

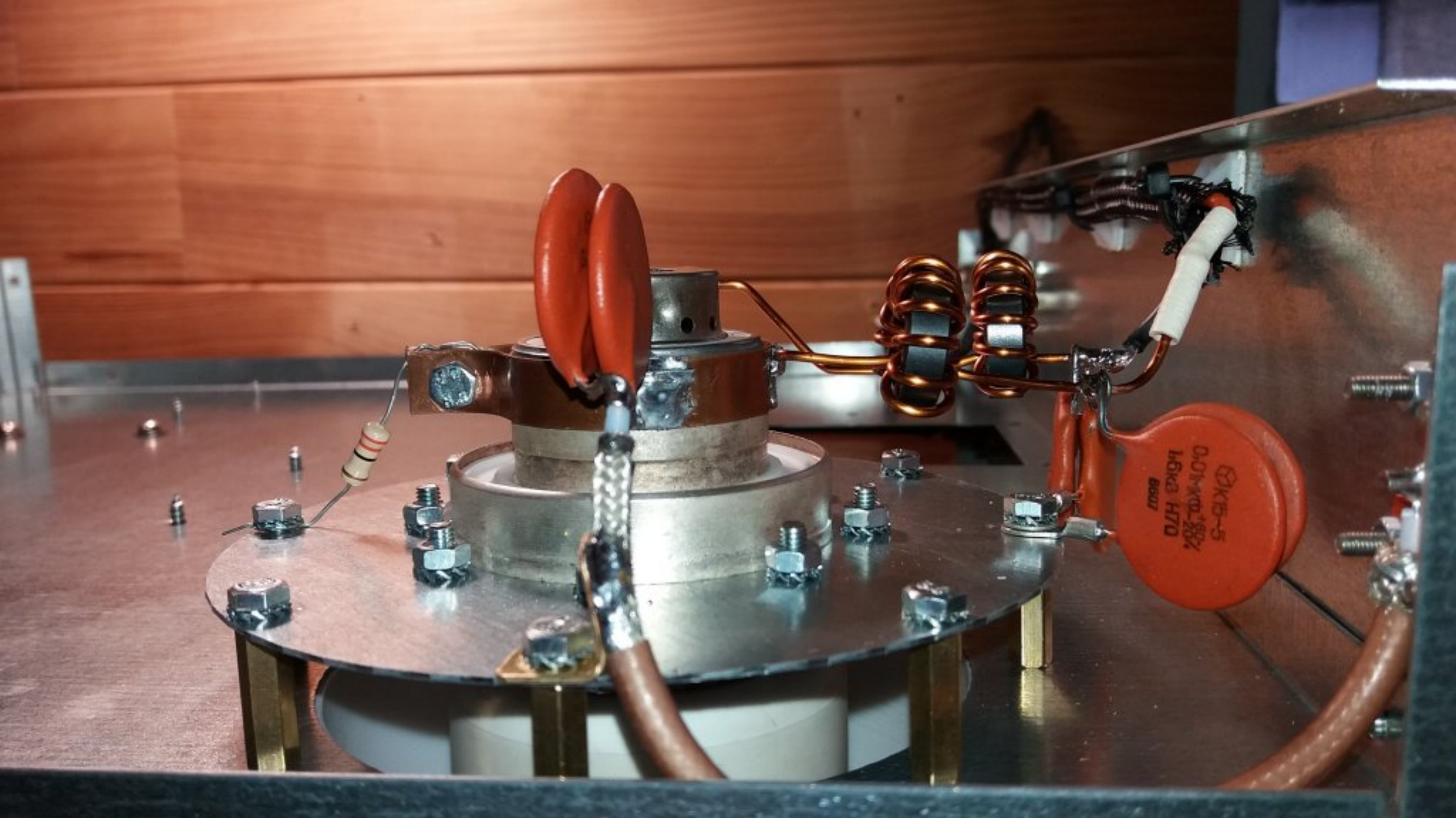


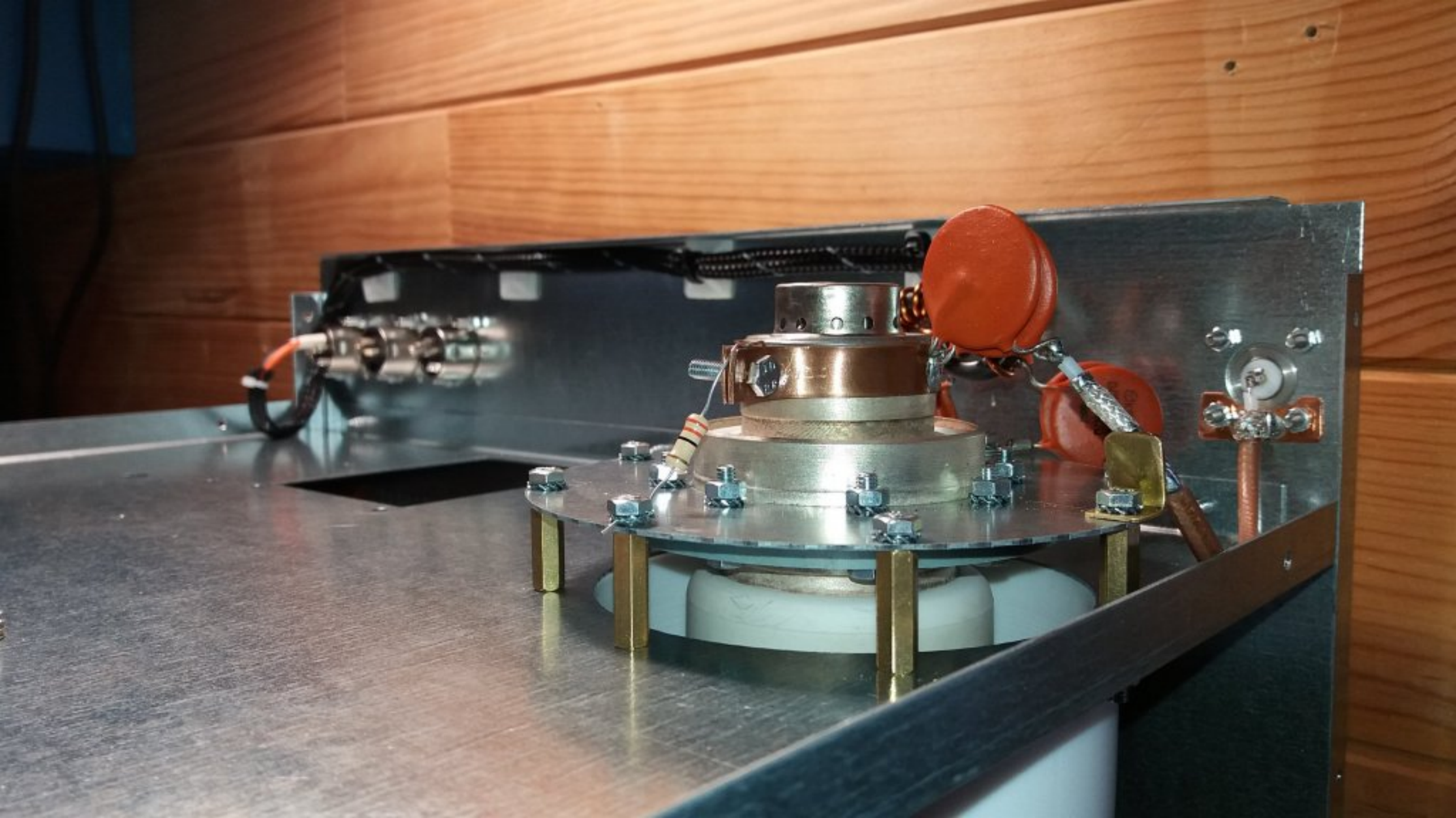



F4






К15-5
0,01мкФ±10%
1кВ
Н70



DG8SAQ Vector Network Analyzer Software
29/03/2017 09:36:44 GS-35b Direct input

10dB/
1/
50ohm/

<Ref1
0dB

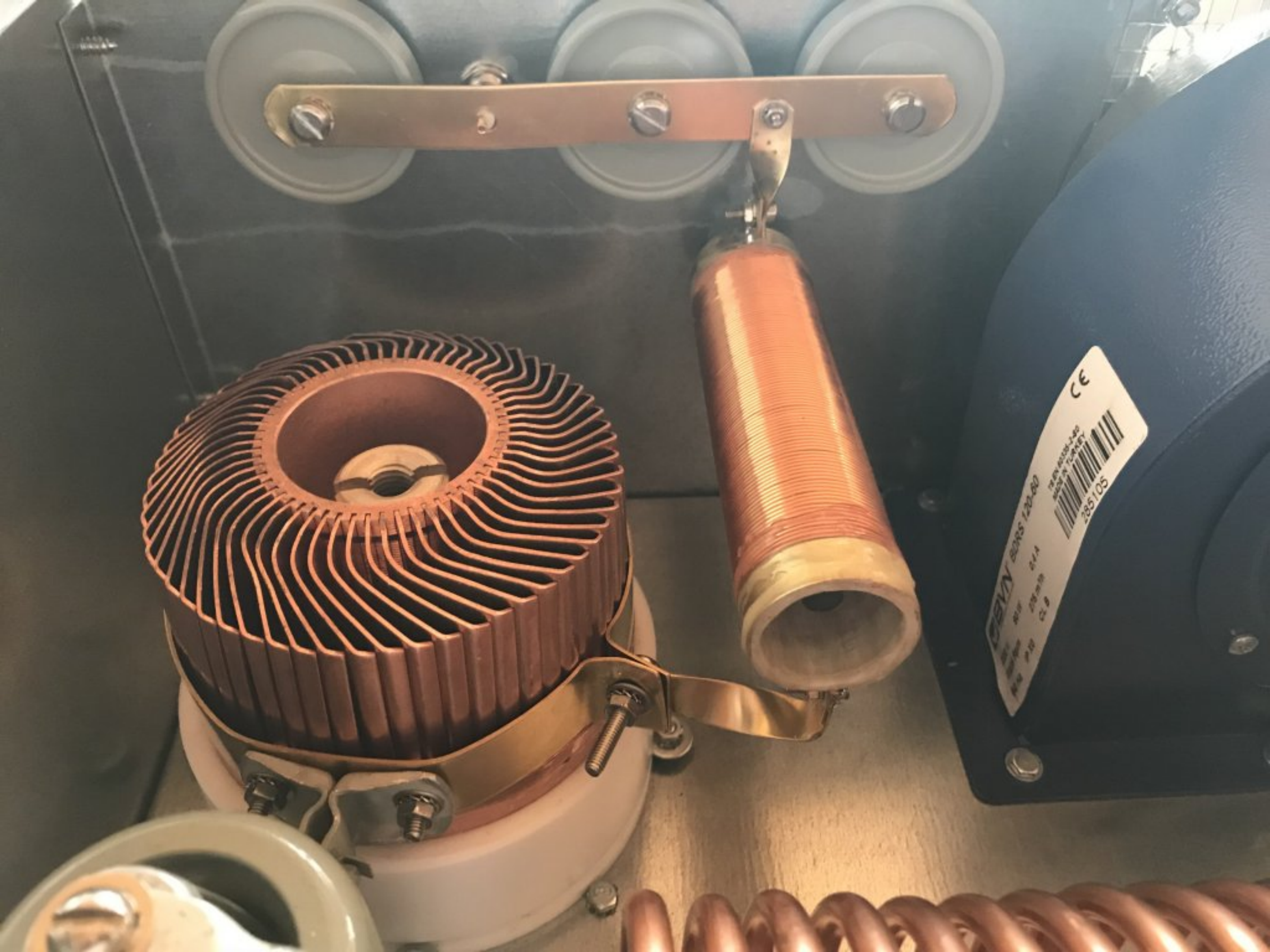
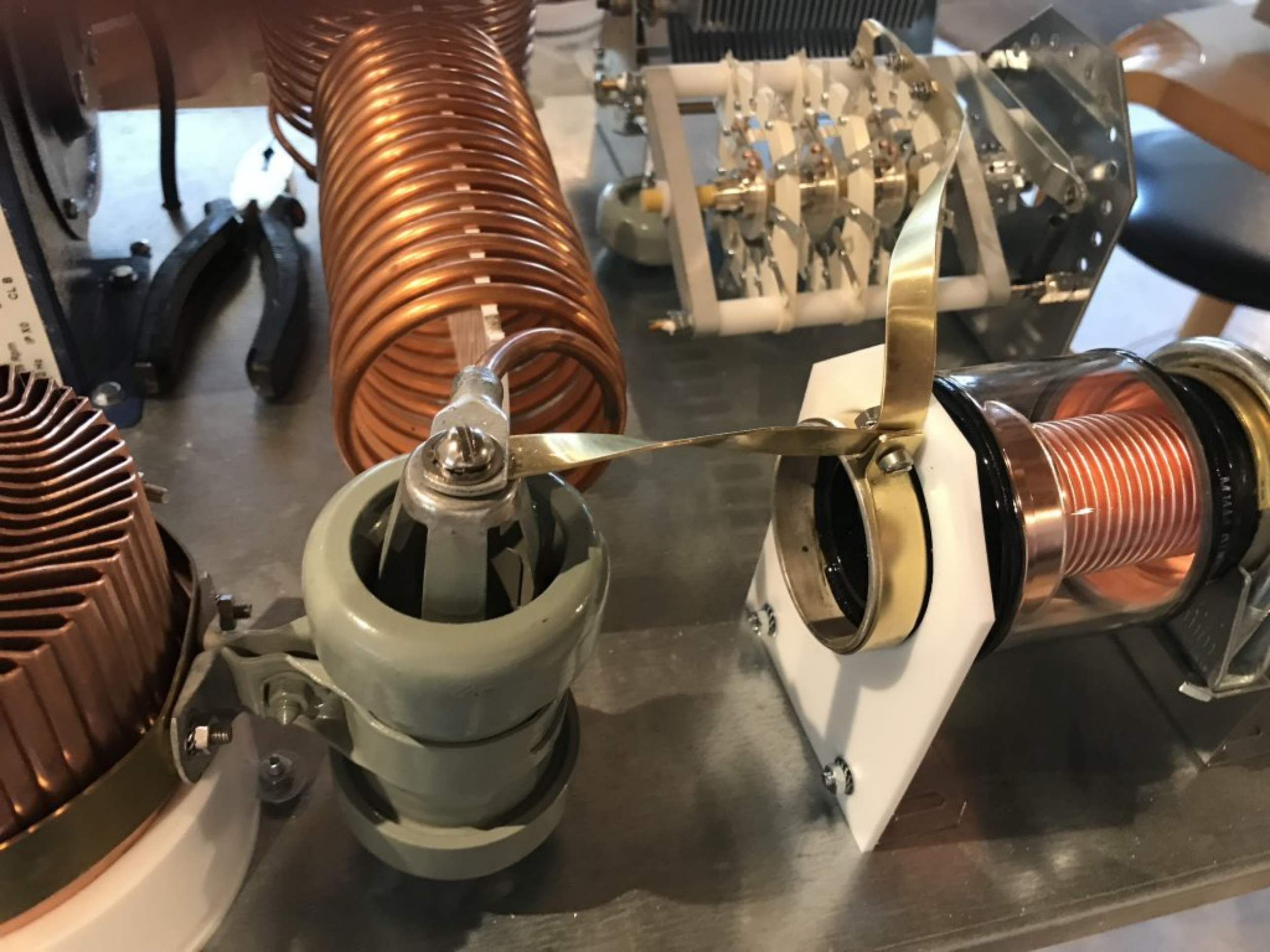
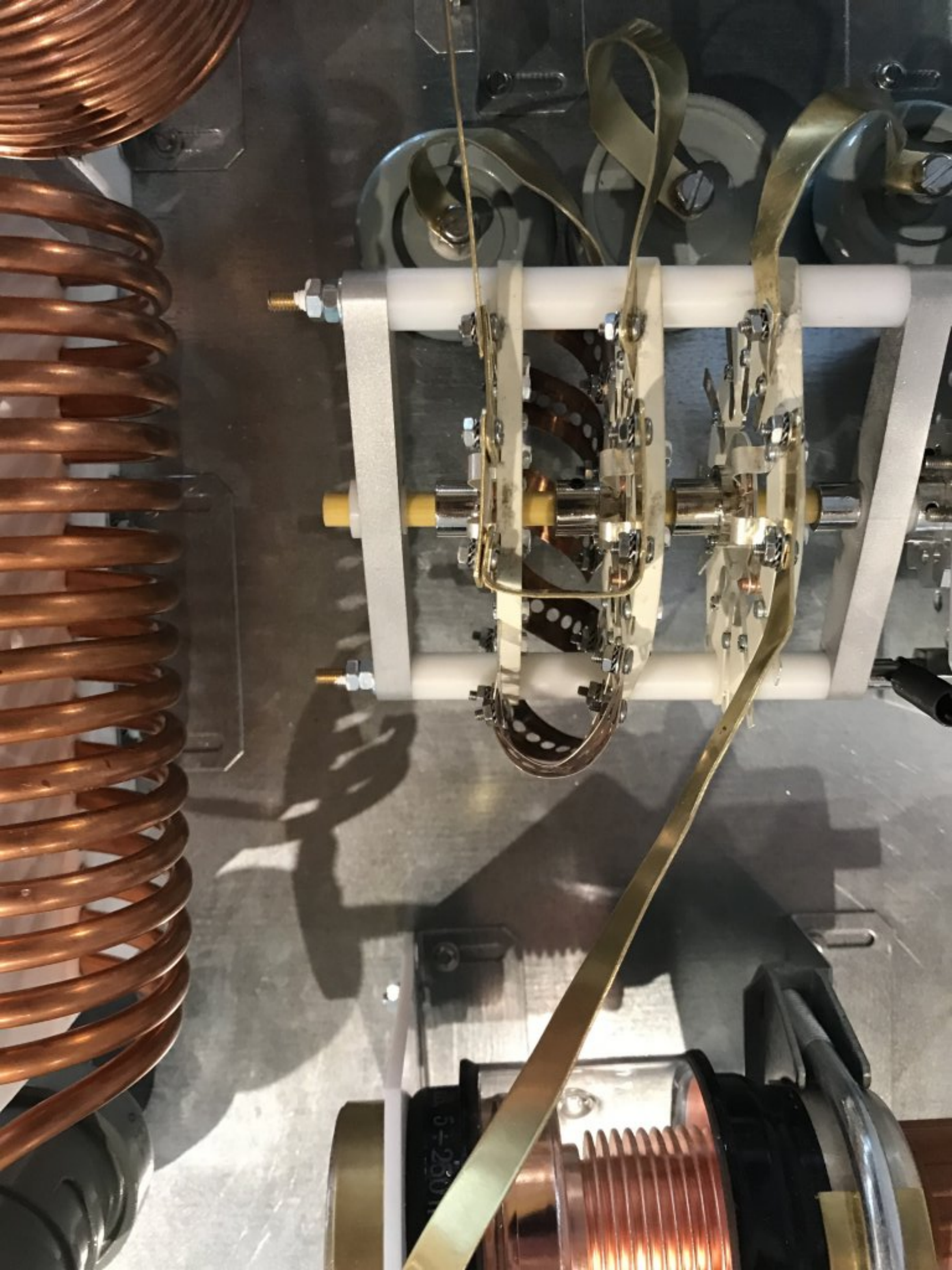
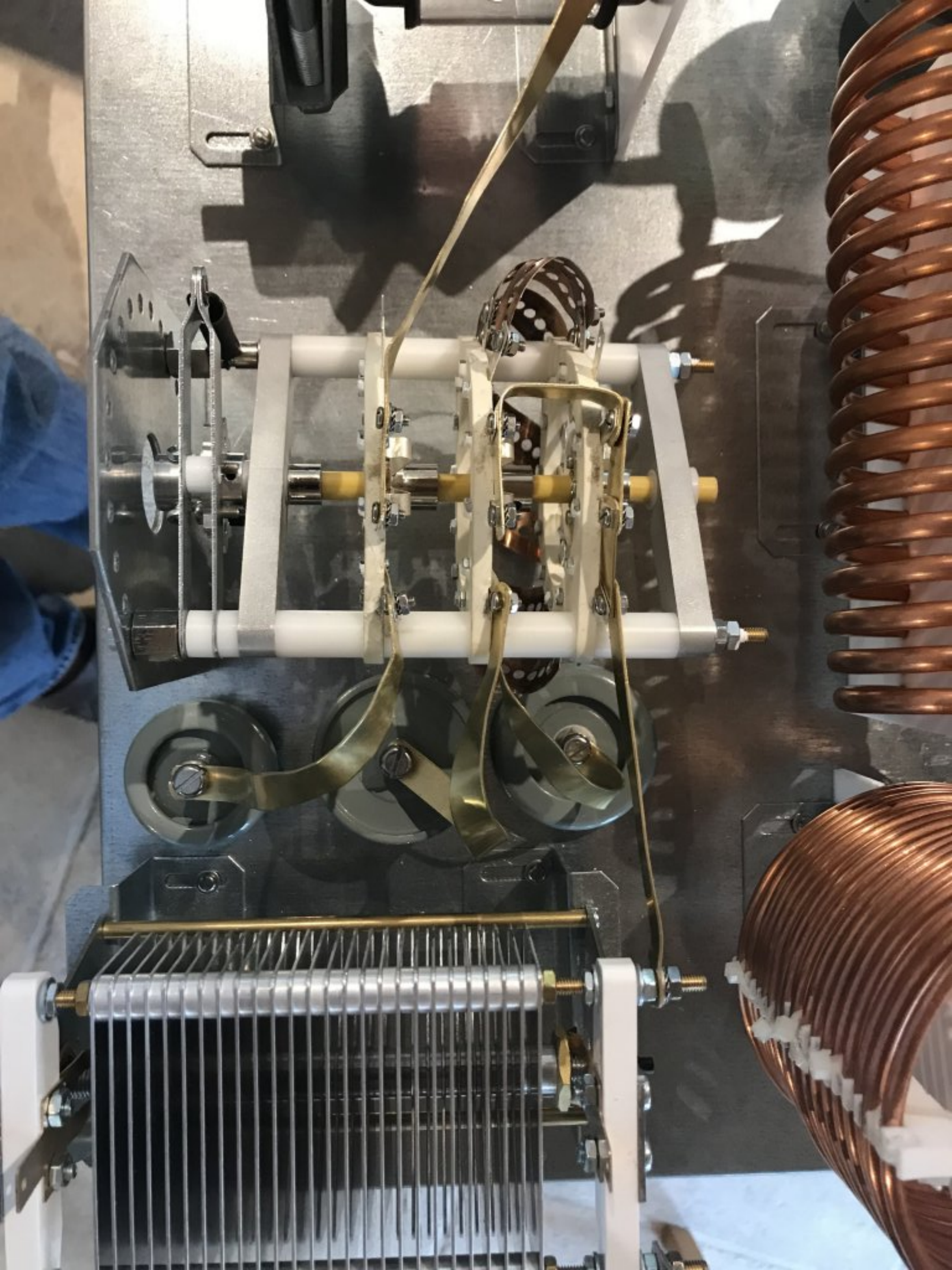
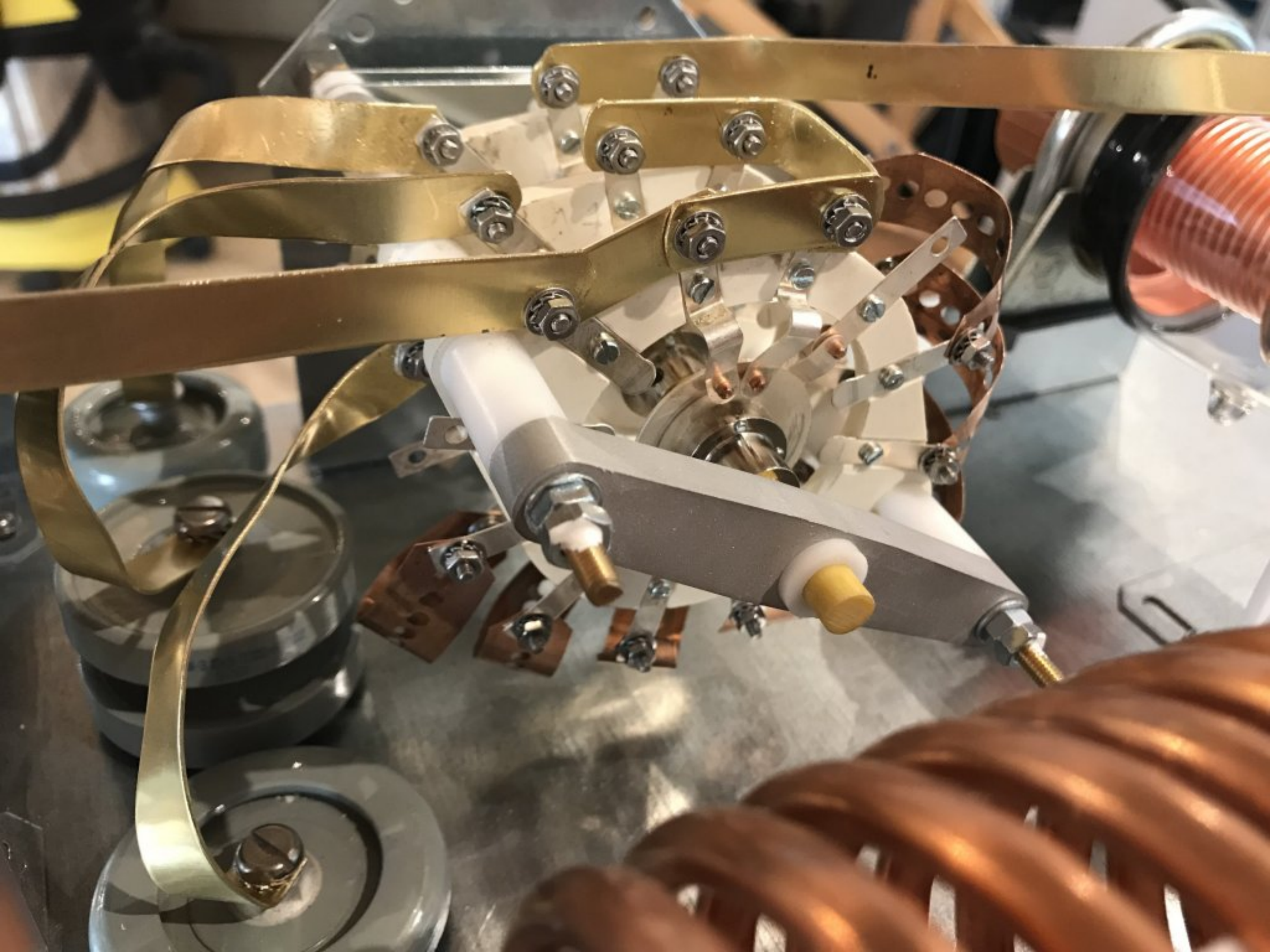
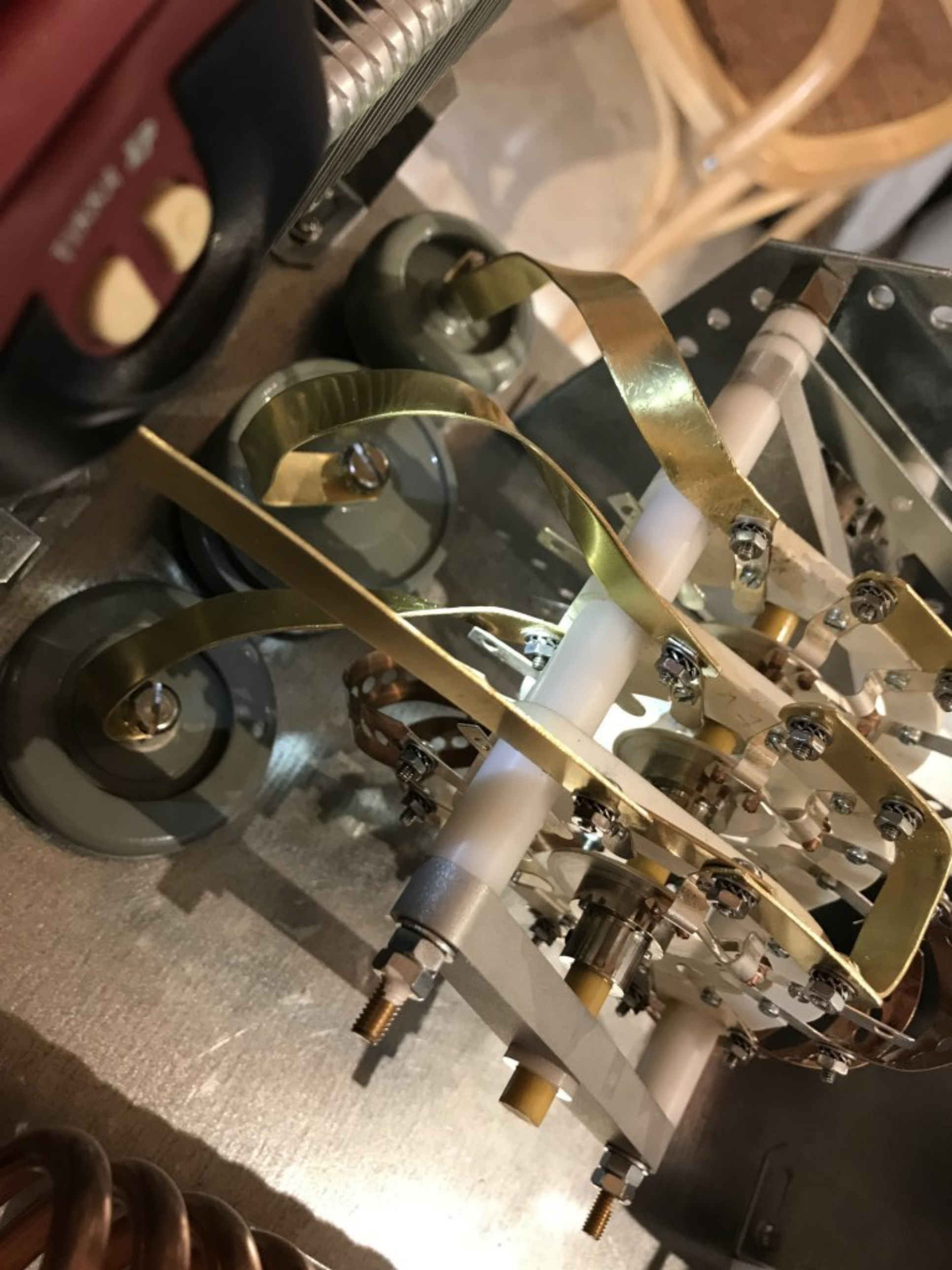
1:	1.8MHz	-13.60dB	1.53	32.99ohm	-0.21-i 0.04
2:	3.6MHz	-13.73dB	1.52	32.93ohm	-0.21+i 0.00
3:	7.1MHz	-13.78dB	1.51	33.27ohm	-0.20+i 0.04
4:	14.3MHz	-13.82dB	1.51	34.64ohm	-0.18+i 0.09
5:	21.0MHz	-13.83dB	1.51	36.63ohm	-0.16+i 0.13
6:	28.5MHz	-13.86dB	1.51	39.57ohm	-0.12+i 0.16
7:	29.7MHz	-13.86dB	1.51	40.09ohm	-0.11+i 0.17

Start = 1 MHz
Center = 20.5 MHz
Span = 39 MHz
Ren. Reflect Data:
Z0 = 50.0 Ohm + 0.0 Ohm
Stop = 40 MHz

<Ref2
0ohm

=>

S11 dB
S11 VSWR
S11 |Z|
S11 Smith ren.


CE
EBVN
SDRS 120-60
285105