diode strap for
offset fet-stage

possible C 's: | 470 nF
or 1 uF
or 2.2 uF
or 2x 1 uF

50 Ohm dummy
connected only
during alignment

normally NO dummy

10uF

470nF

4K7

4K7

1N4148

1N4148

Z12V

1K5

1N4148

470nF

1N4148

10K pot

470K

1uF    1uF

470nF

neon
bulb

2N3866

470nF

1N4148

100pF

22nF

glass fiber whip
connection point

1N4148

1N4148

47

47

2N2219

33

33

33

33

33

150mH

J310

10

1N4148

10

1K

470

330uH    1mH

470nF

1K pot

NLB 3-29
AKTIEF V3.3A

50 Ohm

800 Ohm

2N3866

120nF

300

18

300

470nF

100nF

100nF    100nF

1N5408

470nF

J310

LED

100nF

33uF

2K2 ½watt

coax ground

HF signal

+24V DC

HF signal and 24V DC
connected to coax inner conductor
ONLY during testing: NOT connected

3x L to a total value of 4.7mH
+ 1L 100 to 470 uH
all large current radial coils

47uF    220uF

1 to 4.7 Ohms
FLASH-R if problems

current strap
normally connected

IMAGE ENLARGED, NOT 100% SCALE