

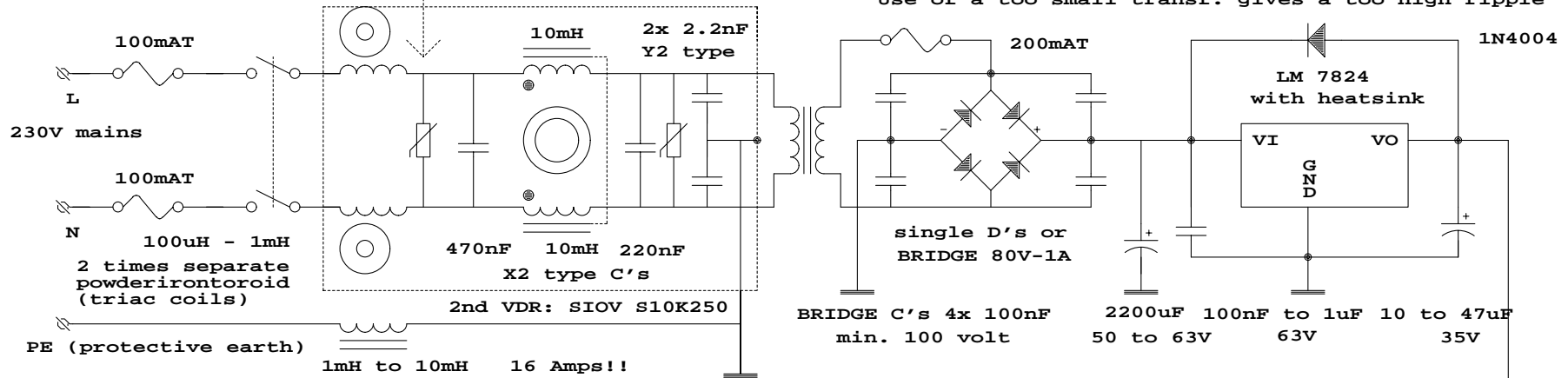
main VDR: SIOV S20K250

Important: two mains fuses!!

standard strong mainsfilter
or separate components
Do make the right C choice!!

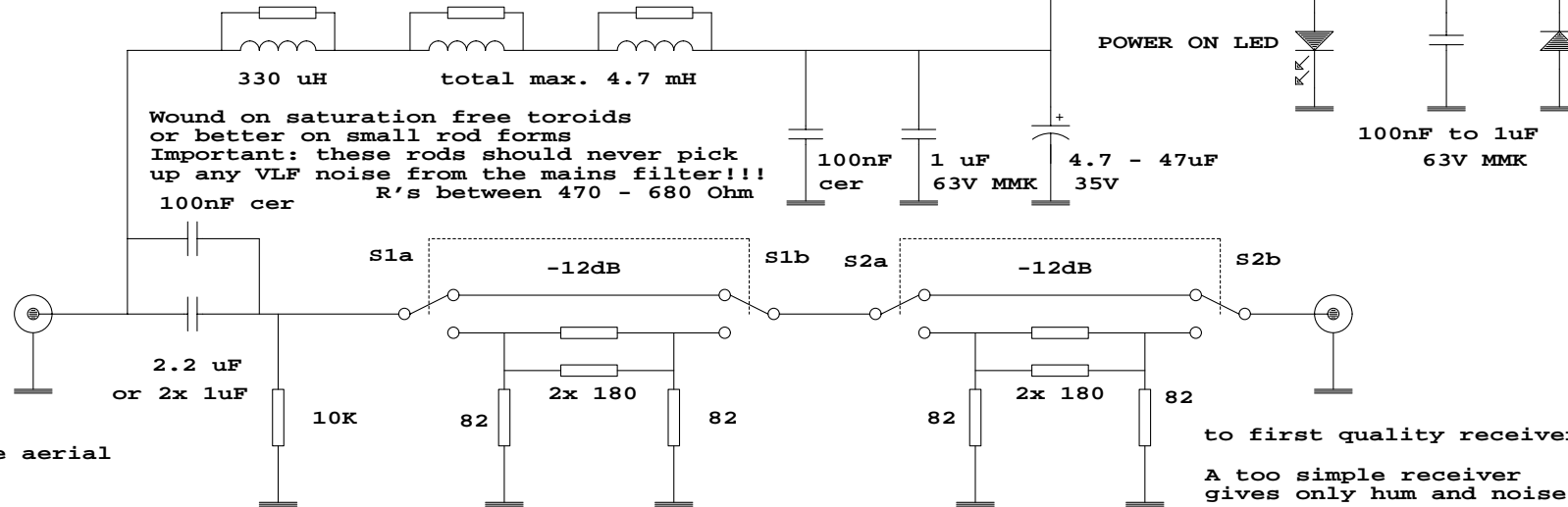
transf.: 24 - 28V AC 250 mA min. (prefer. 10 VA!)
Prefer. chamber wound (= separate/ not on top)

Use of a too small transf. gives a too high ripple



The toroid in the earth PE wire is a MUST!!!
PE-coil on 3E25 toroid with mains yellow/green wire
NEVER with too thin wire (0.5 to 0.75sqmm = OK)

Choose for X2 C's at least 250VAC, test U = 2500V!! (X1 = 4KV!)
Choose for Y2 C's min. 250VAC, prefer. 400VAC, test U = 5KV !!



to active aerial

to first quality receiver

A too simple receiver gives only hum and noise

Some signals are very strong

Standard high current rod form coils are the best
I-DC = 100 mA, 0.5 amp coils are OK

VOEDIN-E.SCH

24V SUPPLY FOR POWER ACTIVE AERIAL		
Size	Document Number	REV
A	design W. Geeraert PELABR	
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