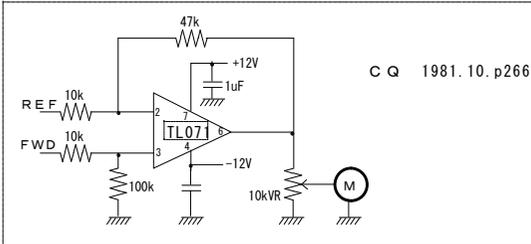
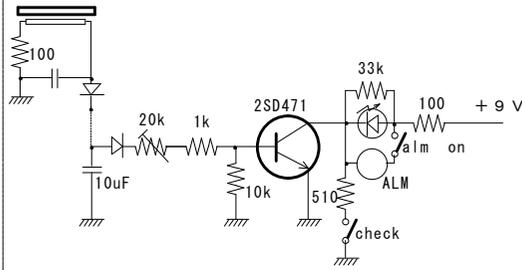
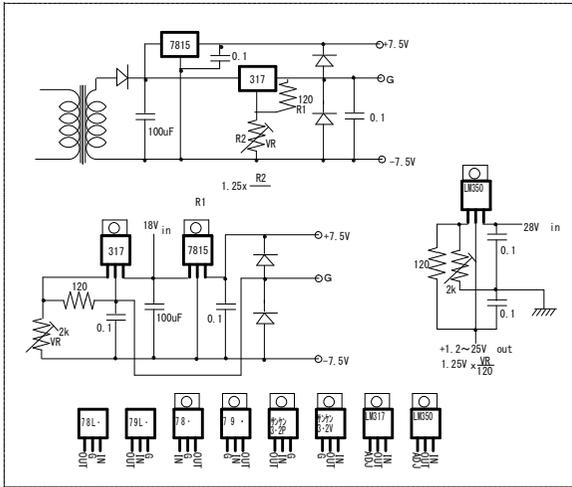


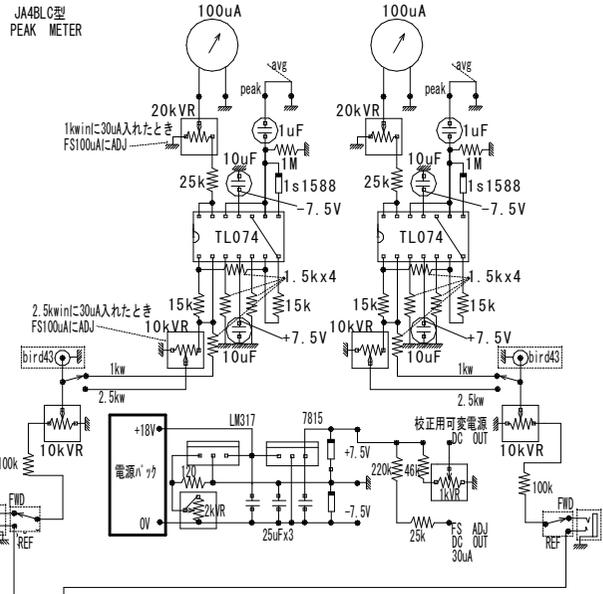
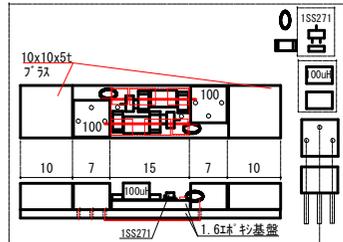
クラシ SWA-27
SWR ALM



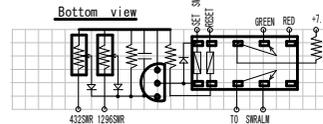
CQ 1981.10.p266



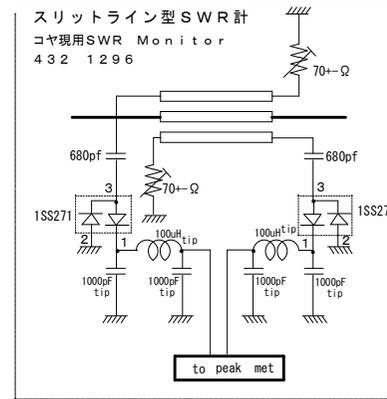
スライド式SWRメーターDET



SWR MON ALM



スリットライン型SWR計
コヤ現用SWR Monitor
432 1296



リターンロス (dB)とSWR

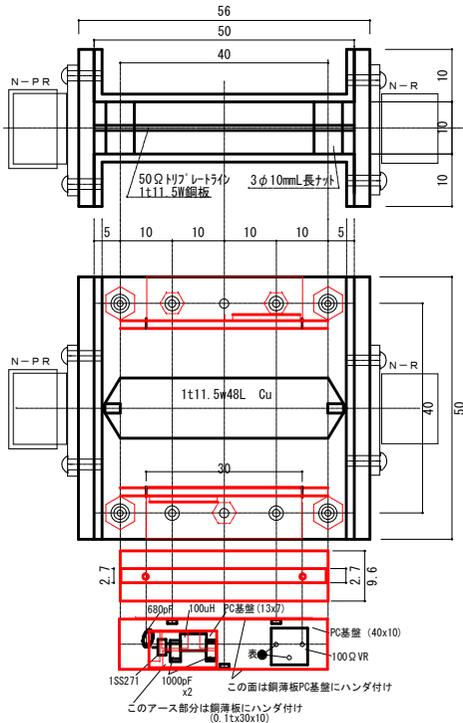
(CQ 1978JULY(p233))

$$SWR = \frac{1+10^{-X/20}}{1-10^{-X/20}}$$

X dB	SWR
0	∞
1	1.7
2	1.4
3	1.2
4	1.1
5	1.05
6	1.02
7	1.01
8	1.005
9	1.002
10	1.001
12	1.0007
14	1.0004
16	1.0002
18	1.0001
20	1.00005
25	1.00001
30	1.000005
35	1.000002
40	1.000001
45	1.0000005
50	1.0000002

$$VSWR = \frac{\sqrt{P_{f+}} + \sqrt{P_{r-}}}{\sqrt{P_{f-}} + \sqrt{P_{r+}}} = \frac{I_{max}}{I_{min}}$$

$$= \frac{1+r}{1-r}$$



参考
CQ 1974 Feb p229
H J No55 p13
UHFユナー
表より t=1 b=10の
50ΩのWは1.5mm
H J No63 p26より
1.6t がラズ の50ΩのWは2.7mm

SWR moni