

Subject: MW Radio 1st stage

From: G8MNY@GB7CIP.#32.GBR.EU

To : TECH@WW

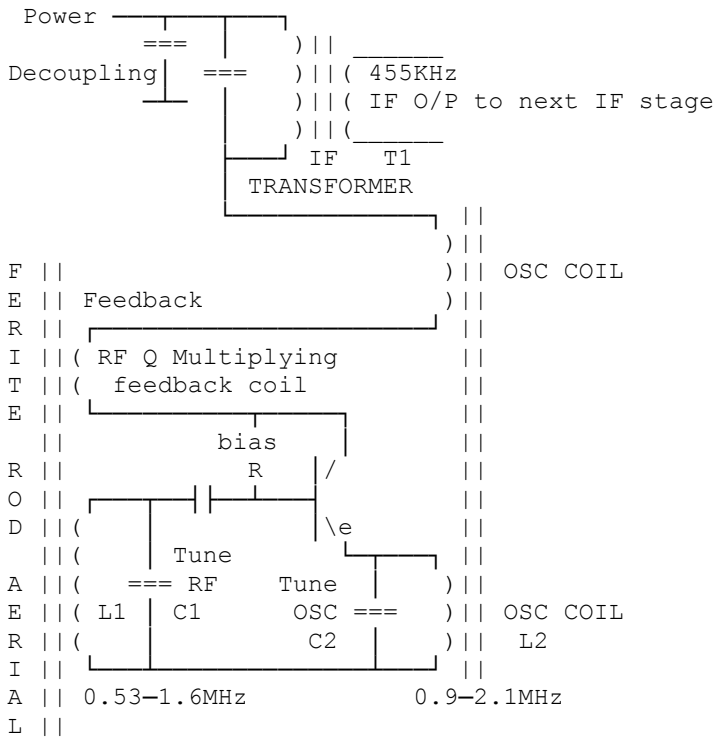
Here are 2 designs:-

By G8MNY

(New Graphics Dec 03)

Example of multiple use of a single transistor in a MW radio that does:-

- 1/ RF PREAMP WITH Q MULTIPLIER
- 2/ RF LOCAL OSC
- 3/ RF MIXER



ADJUSTMENTS

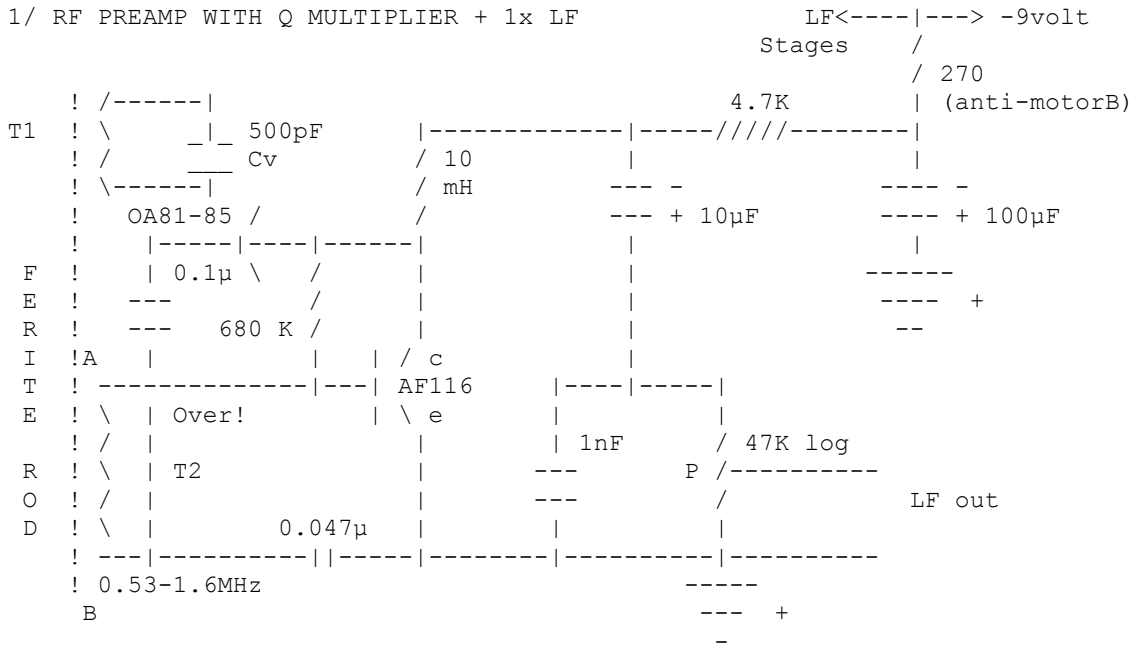
- The position of winding L1 on the ferrite adjusts the LF resonance tracking.
- The trimmer on C1 tuning cap adjusts the HF resonance tracking.
- The position of feedback winding, adjusts RF Q & gain before instability.
- The position of L1 core adjusts the LF dial frequency tracking.
- The trimmer on C2 tuning cap adjusts the HF dial frequency tracking.
- The position of T1 core adjusts the IF filter frequency, for best IF gain.

From: ON4CBL@ON0AR.#RF.AN.BEL.EU

Hello OM, here is a plan with 1 Tr rf det. + lf,, 2 Tr following for LS!

: MW Radio 1st stage reactive:

1/ RF PREAMP WITH Q MULTIPLIER + 1x LF



A/B changing for adjusting receiving.

T1 40 wdgs cul 0.2

T2 12 wdgs cul 0.2

73 De Eric, ON4CBL @ ON0AR

Why don't U send an interesting bul?

73 De John, G8MNY @ GB7CIP

/EX