

Correction

On the original schematic of the Transmit Exciter the MC1496 and the following amplifier was fed by 12 V during both receive and transmit. This was at an early stage changed so that the ampl. TR9 was getting 12 V only during transmit. This was done to prevent that you could hear yourself during SSB in the loudspeaker. This was an improvement but not sufficient. I then changed the supply voltage to the AF amp. TR4 that was fed 12 V to be supplied only during transmit. (12V T). This solved my problem totally.

But I had just created a new one !

Observing the output from TR9 I could see a full carrier of a few millisecc duration at transmit start and end. Obviously I destroyed the carrier suppression when I gave supply to TR4. So I had to prevent the mike AF from entering the MC1496 in a different way. I solved that by inserting 2 transistors and 2 resistors and supplied TR4 as it was originally with 12 V permanent.

I am now very satisfied.

