

Evergreen oscillates

Dear people a Elektor, I recently built the Compact AF Power Amplifier from the May 1997 issue. With the quiescent current preset turned fully ccw all measured values match those printed in the circuit diagram. Although I am sure there is no ground loop in my construction, both amplifiers (L and R) produce spurious oscillation between

1 and 4 MHz when the pre-set is turned three quarters cw. Do you recognise this effect or did I make a mistake somewhere?

**Dick Flanderijn, Holland
(by email)**

Although the project is now almost seven years old, the Compact Amp has made it to Evergreen status, hence we include this letter in this month's MailBox. Looking at the impressive PCB sales volumes achieved by this project, the problem can only be said to have been reported sporadically. A suggested cure is to fit a 100-pF cap between the base of T16 and ground. This will however affect the amplifier's sonic response to some extent.