

Hi Slawek

With the R84 and R85 resistors disconnected and connected to the bias voltage of the OPA 4192 (1,65V), only the carrier signal appears, which after changing the sn74AC74 with a PO74G74 powered by an LP2985 / 330 has an increase of 32 db when i move from 80 m to the 10 m (before was 40 db) and of course it is independent of all settings.

If I change the voltage across the resistors the signal changes in frequency and amplitude, but remains clean.

I begin to think that the spurs can come from channels I and Q coming out of WM 8731 that are not properly filtered as specified on page 13 point 3 of the data sheet.

I am very satisfied as the L.O. leakage now in 10 m is lower than 50 db of Tune single tone 750 hz transmission signal at a power of 5 w.

I look forward to the RF OVI40 card that will surely be even better.

Please could you compare my results with your tests?

vy '73 Paolo