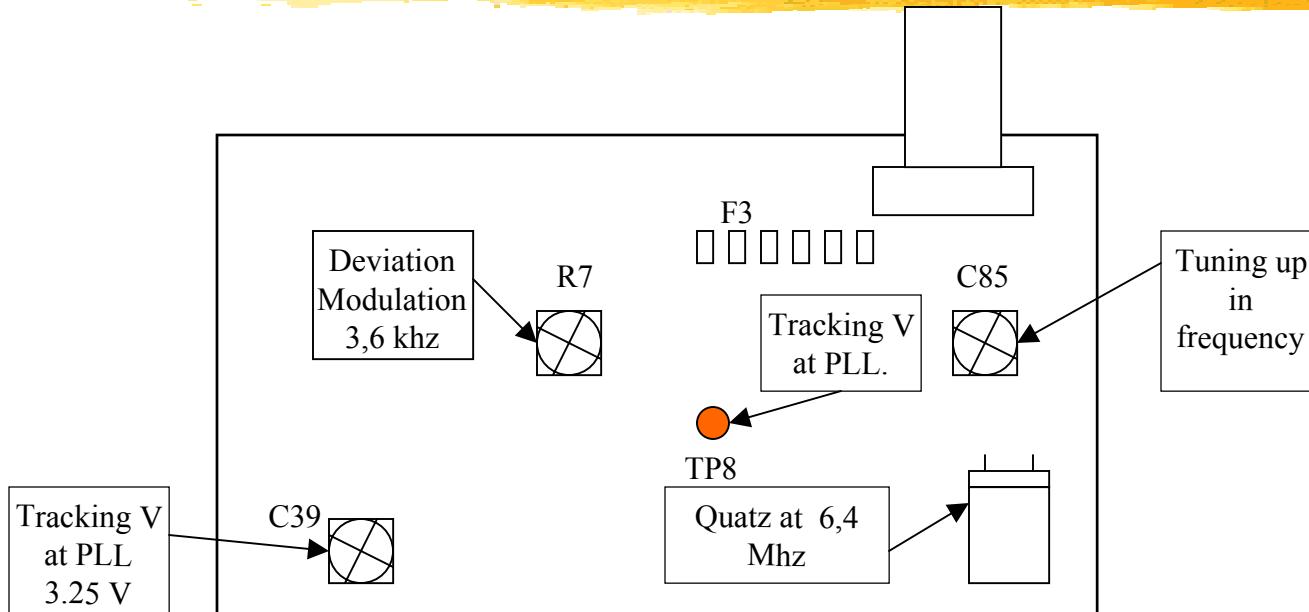


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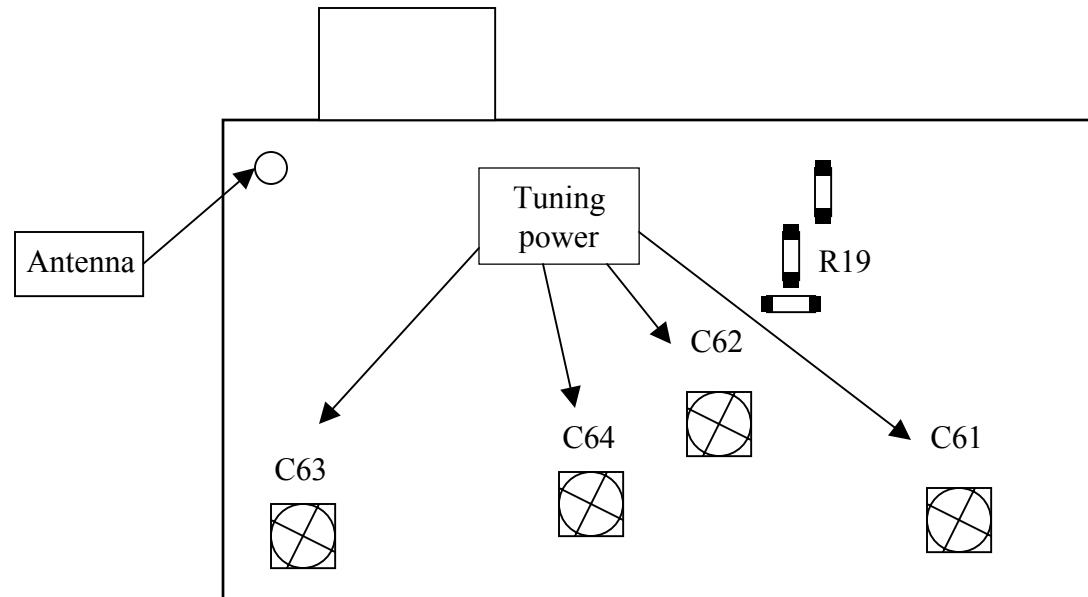
Tracking Voltage at PLL and frequency



- Supply: 7,2V at F3.
- Output frequency is programmed into the logic.
- Tune up f_{out} , using trimmer C85, until the frequency of the carrier equals to $f_{\text{out}} \pm 2$ KHz. (frequency-meter)
- Measure tracking voltage of PLL (TP8 to GND), tune it using trimmer C39, until voltage equals to $3.25 \text{ V} \pm 0.25\text{V}$.
- Tune up the deviation of the modulation, with the potentiometer R7, until deviation equals to 3.6 KHz (measured using a modulation-meter (RACAL DANA 9009 A))

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Tuning of operating power level



- Tune up the operating power out, using trimmers C61, C62, C64 and C63,(follow the ordered list) to maximise P_{out} , measured with a spectrum analyser.
- Always must be: P_{out} (PRA) < 10 dBm.