

G3B TRANSPONDER

The Voltage and Currents in the Final RF Stage

And

The Transmitter Tune – up Procedure

1. Voltage and Currents in the final RF stage:

The transmitter consists of the oscillator and modulator RF blocks. The modulator is the final active RF stage, which interfaces with the front end electronics consisting of a filter and the antenna. During normal operation, the modulator consumes 3 mA maximum at a supply voltage of 3.6V.

2. Transmitter Tune – Up Procedure:

The G3B transmitter is designed to meet the performance specification without any tuning necessary and no tuning is performed.