

Operational Description

Transmit power is adjusted by a closed looped feedback controller, initially based upon detected power output.

Once in a call, power control is also based upon the received signal at the Base Station.

By design, regardless of calibration data values, transmitter is incapable of exceeding maximum specified power output by more than approximately 1 dB.

Transmit frequency initially uses the accuracy of the internal 19.2 MHz standard. Once registered with a cellular base station, unit locks onto base station, thereby further improving accuracy. Generates an offset table of receiver AGC level vs frequency (channel number).

The DC Voltage/Current into the final stages is 4.05 Volts, 500 milliamps maximum.