

Finally it goes through three stages of LC low-pass and to the antenna. The antenna is of helical type which has a very narrow bandwidth and provide further filtering of the signal. The DC voltages and currents of the power amplification elements are as follows:

Element	Function	Voltage	Current
Q3	pre-driver	3V	10ma
Q2	driver	4.5V	100ma
Q1	power amp	4.5V	200ma

Following is a tabulized summary.

Position	Function
Q7	Voltage control oscillator
Q6	Voltage control oscillator output buffer
Q5	Receive local oscillator buffer
Q9	Receive RF amplifier
Q8	Receive first IF mixer
Q3	Transmit power pre-driver
Q2	Transmit power driver
Q1	Transmit power amplifier