

Transmit Power and Channel Selection

There are no tuning adjustments in the unit. The channel selection is made by the user from a predefined set of channels that are within the authorized bands.

During manufacturing the radio RF output is calibrated on a channel by channel basis using automatic test equipment to set the transmitter output power to a specified setting. The amplifiers are individually tested to ensure that it transmit power gain is within a specified limit. During final test and assembly, each unit is tested to ensure that the transit power does not exceed that which is authorized. The user cannot increase the TX power with his configuration software.