

Mr. Steve Dayhoff
Ref: Maxon Telecom Ltd. (USA)
FCC ID: F3JSP200U1; EA99433
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Per your request regarding compliance with RF exposure limits:

TSB-88-A lists the portable antennas for 406 – 512 MHz as –6 dBd.

$5\text{W} -6\text{ dB} = 2.5\text{ ERP}$

Even \wedge has stated the duty cycle is on the order of 15% or less

Even if we say that the duty cycle is 50% this takes the level to 1.25 W

This is below the FCC 1.6 W/Kg limit, and below the ERP exclusion of 1.5W ERP.

The following WARNING will appear in the user manual:

Your wireless hand-held portable transceiver contains a low power transmitter. When the Push-to-Talk (PTT) button is pushed it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

To maintain compliance with the FCC's RF exposure guidelines hold the transmitter and antenna at least 2 inches (5 cm) from your face and speak in a normal voice, with the antenna pointed up and away from the face.

If you use the belt clip provided with the radio note the belt clip is for storage of the radio ONLY and the radio must be held away from the body by 2.5 cm.