

RF EXPOSURE EVALUATION (FCC ID: R74TC-300U2)

STANDARD AND APPLICABLE

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. Routine SAR evaluation refers to that specifically required by §2.1093, using measurement or computer simulation.

Table 1 - SAR Evaluation Power Thresholds for PTT devices, $f \leq 0.5$ GHz

Exposure Conditions	mW
Held to face ≥ 2.5 cm	250
Body-worn ≥ 1.5 cm	200
Body-worn ≥ 1.0 cm	150
1. The time-averaged output power, corresponding to the required PTT duty factor, is compared with these thresholds. 2. The closest distance between the user and the device or its antenna is used to determine the power thresholds.	

When the occupational exposure limit applies, these power thresholds are increased by a factor of five (5) to determine the test requirements.

RESULT

SAR Evaluation Power = $(1.79/5) \times 50\% \text{ mW} = 179 \text{ mW} < 200 \text{ mW}$

THE SAR MEASUREMENT IS NOT NECESSARY.

EUT EXTERNAL PHOTO TO ILLUSTRATE THAT BODY-WORN ≥ 1.5 CM

