

**FCC power thresholds:**

<b>f<sub>GHz</sub></b>	<b>900/f</b> <b>d ≥ 2.5 cm</b>
0.155	5806mW
0.15	6000mW

1.  $900/f$  = usage-based time-averaged output
2.  $d$  is the distance to a person's body.

**No evaluation required if power is below this threshold:**

<b>f<sub>GHz</sub></b>	<b>P<sub>out</sub></b>
0.155	<b>5806mW</b>

Rated Conducted Power = 5 W  
Measured Conducted Power = 4.864 W  
Usage-based time-average factor =  $\frac{1}{2}$  (PTT device)  
Highest antenna gain in dBi = -4.5 dBi

Threshold for no SAR evaluation is 5806 mW  
Transmitter's rated power is  $5000 \text{ mW} \times \frac{1}{2} = 2500 \text{ mW}$ .  
Conclusion: No SAR evaluation required since Transmitter Power is below FCC power thresholds