

**Yapalong 3000 - 3000 (FCC ID: UJW-YAPALONG3000)**

**FCC power thresholds:**

$f_{\text{GHz}}$	<b>60/f General population d &lt; 2.5 cm</b>
2.440	24.59 mW
2.400	25.00 mW

1.  $60/f$  = General population.
2. d is the distance to a person's body.

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

$f_{\text{GHz}}$	$P_{\text{out}}$
2.440	24.59 mW

RF peak power measured = 44.36 mW

Duty Cycle = 18.9% = 0.189

Highest Antenna Gain = 0.8 dBi

Threshold for no SAR evaluation is 24.59 mW

Transmitter power is 44.36 mW X 0.189 = 8.38 mW.

Conclusion: No SAR evaluation required since Transmitter Power is below FCC power thresholds

**Antenna Information**

M/N: ANT-2.45-CHP-X

Manufacturer: LINX

Gain: 0.8 dBi

Type: Chip Antenna (PC Mount)

Frequency range: 2400 ~ 2488 MHz