

**VHF Marine Transceiver - IC-M34 (FCC ID: AFJ298700)**

**FCC power thresholds:**

$f_{\text{GHz}}$	<b>900/f</b> <b>Face-held controlled</b> <b>d <math>\geq</math> 2.5 cm</b>
0.155	5,806 mW
0.15	6,000 mW

1.  $900/f$  = face-held controlled
2. d is the distance to a person's body.

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

$f_{\text{GHz}}$	$P_{\text{out}}$
0.155	5,806 mW (or 11,613 mW with 50% duty cycle)

RF conducted peak power measured = 5,140 mW  
User-based time-average factor = 50 % = 0.5  
Antenna Gain = -15.50 dB

Threshold for no SAR evaluation is 5,806 mW  
Transmitter power is 5,140 mW X 0.5 = 2,570 mW.  
Conclusion: No SAR evaluation required since Transmitter Power is below FCC power thresholds

**Distance from the antenna with the thinnest belt-clip (M/N: MB-109) mounted**



**Antenna Information**

M/N: FA-SC58V

Gain: -15.50 dB

Type: Helical antenna

Frequency range: 150 – 174 MHz

Remark: The above information had been provided by the manufacturer