

VHF Transceiver - IC-F9011B/S/T (FCC ID: AFJ306200)

FCC power thresholds:

f_{GHz}	900/f Face-held controlled d \geq 2.5 cm
0.151	5,960 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_{GHz}	P_{out}
0.151	5,960 mW

RF conducted mean power measured = 6,050 mW

User-based time-average factor = 50 % = 0.5

Max. Antenna Gain = -1.0 dBi

Threshold for no SAR evaluation is 5,960 mW

Transmitter peak power is 6,050 mW X 0.5 = 3,025 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-115) mounted



Antenna Information

M/N: FA-S25V
Manufacturer: ICOM
Gain: -1.00 dBi
Frequency: 136-174 MHz
Type: Helical antenna

M/N: FA-S65V
Manufacturer: ICOM
Gain: -2.35 dBi
Frequency: 148-160 MHz
Type: Helical antenna

M/N: FA-S66V
Manufacturer: ICOM
Gain: -1.95 dBi
Frequency: 160-174 MHz
Type: Helical antenna

Remark: The above information have been provided by the manufacturer