

VHF Transceiver - IC-F3161T/S/DT/DS (FCC ID: AFJ289300)

FCC power thresholds:

f_{GHz}	900/f Face-held controlled d \geq 2.5 cm
0.1551	5,802 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}
0.1551	5,802 mW

RF conducted mean power measured = 5,160 mW

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

Antenna Gain = -4.5 dBi

Threshold for no SAR evaluation is 5,802 mW

Transmitter peak power is 5,160 mW X 0.5 = 2,580 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-94) mounted



Antenna Information

M/N: FA-SC55V

Manufacturer: ICOM

Gain: -4.5 dBi

Type: Helical antenna

Frequency range: 150 – 174 MHz

Remark: The above information had been provided by the manufacturer