
FCC RF Exposure Limits: T2020-643 radios

Installer Information

Antenna Installation



To comply with FCC RF exposure limits, this product must be installed using an externally mounted antenna with a gain specified in the table below. This antenna must not be mounted at a location such that any person or persons can come closer than the minimum safe distance to the antenna.

User Information

Safety Training Information



This product generates Radio Frequency energy during transmissions. It is classified as suitable for occupational use in a controlled exposure environment. The following conditions apply to the use of this radio:

- It must only be used with authorized accessories and antennas.
- The operator must ensure that the minimum safe distance between persons and the antenna is not exceeded during transmissions.
- Do not exceed a duty cycle ratio of 50% transmit mode to stand-by or receive modes. The radio is in transmit mode when the PTT button on the microphone is pressed and the “TX” annunciator or warning LED shows.

Antenna Details and Safe Distance Table

Radio Model	Antenna Gain (dBi)	Minimum Safe Distance	
		Inches	Metres
T2020-643	2.15	20	0.5
	5.15	30	0.71