

15.247(c) SPURIOUS RF CONDUCTED EMISSION**ANTENNA CONDUCTED SPURIOUS EMISSIONS**

Frequency MHz		dBc		Frequency MHz		dBc	
<u>BASE</u>				<u>HANDSET</u>			
<u>Channel 1</u>				<u>Channel 1</u>			
2400.983		0		2400.983		0	
4801.966		-61.0		4801.966		-46.5	
7202.950		-76.1		7202.950		---	
9603.932		---		9603.932		-63.4	
12004.915		---		12004.915		---	
<u>Channel 40</u>				<u>Channel 40</u>			
2442.326		0		2442.326		0	
4884.652		-72.4		4884.652		-62.9	
7326.978		-74.2		7326.978		---	
9769.304		---		9769.304		---	
<u>Channel 79</u>				<u>Channel 79</u>			
2481.601		0		2481.601		0	
4963.202		-75.3		4963.202		-63.7	
7444.803		-77.3		7444.803		---	
9926.404		---		9926.404		---	
12408.005		---		12408.005		---	

Part 15.247(g): Exhibit B(3) "Frequency Hopping and Dual Slot Diversity Description" provides specific information on how the system is designed while the transmitter is presented with a continuous voice stream and a description of the system transmitting short bursts.

Part 15.247(h): Exhibit B(3) "Frequency Hopping and Dual Slot Diversity Description" provides specific information concerning the avoidance of simultaneous occupancy of hopping frequencies by multiple transmitters, system synchronization procedure, frequency hopping algorithm, hopping tables, and dual slot diversity.

FCC RF EXPOSURE REQUIREMENTS

General Information

FCC ID: G9H2-1290A

Device Category:

Base Unit: Mobile per Part 2.1091

Handset Unit: Portable per Part 2.1093

Environment: General Population/Uncontrolled Exposure

Operating Configurations and Exposure Conditions:

The base unit is normally operated at least 20 cm away from the human body.

Maximum Permissible Exposure Calculation: Base Unit

The minimum separation distance, for compliance with the limit, is calculated as follows:

$$E(V/m) = \frac{\sqrt{30 \times P \times G}}{d} \text{ Power density: } P_d (mW/cm^2) = \frac{E^2}{3770}$$

The limit for general population/uncontrolled exposure environment above 1500MHz is 1mW/cm²

Separation Distance	Antenna Gain (dBi)	
	Integral	
Power EIRP (mW)	(in)	(cm)
Base unit: 10.7	0.35	0.9

Conclusion:

The device complies with the MPE requirements by providing a safe separation distance between the antenna, including any radiating structure, and any persons (human body excluding hands, wrists, ankles, and feet).

Proposed RF Exposure Safety Information to Include in User's Manual:

WARNING: For compliance with the RF exposure requirements regulated by the FCC (Federal Communications Commission), the transmitter's antennae are contained within the base enclosure, and an additional separation distance of more than eight inches (20 cm) shall be maintained between the transmitter base enclosure and any part of the user's body.

NOTE: This warning does not apply to the handset or optional headset.