

Customer:	Listen Technologies	Notes
Model:	LT-800-216	
FCC ID:	OMD800-004	Part 95G
IC ID:	4011A-LT800216	RSS 210-C
Classification:	General Population	

MPE Calculator	RF Exposure	
	Calculations	
Lowest Frequency	216.0125	MHz
Highest Frequency	216.9875	MHz
Wavelength (lowest frequency)	1.389	m
Antenna aperture (1/4 wavelength radiator assumed)	0.347	m
Far Field Distance	17.360	cm
Power (Radiated)	19.6500	dBm
Ant Gain dBi	0.0000	dB
Cable Loss	0.0000	dB
EIRP dBm	19.6500	dB
EIRP mW	92.2571	mW
R	20.0000	cm
S	0.018363	mW/cm^2

Standards
CFR 47 Part 1.1310
KDB 447498

RSS-102 Issue 6

Occupational/Controlled Exposure Limit			inches	cm	time	Result
OSHA	10.000	mW/cm^2	7.874	20.000	6	PASS
FCC	1.000	mW/cm^2	7.874	20.000	6	PASS
IC	0.646	mW/cm^2	7.874	20.000	6	PASS
General Population/Uncontrolled Exposure Limit						
OSHA	10.000	mW/cm^2	7.874	20.000	6	PASS
FCC	0.200	mW/cm^2	7.874	20.000	30	PASS
IC	0.129	mW/cm^2	7.874	20.000	6	PASS

Attestation: The levels measured in this application and used in these calculations are the highest possible value for any manufactured version of the EUT, and already accounts for all possible tolerances.