

Customer:	Netradyne Inc	Notes
Model:	VDI3N001	WiFi 802.11n20
FCC ID:	2AM8R-VDI3N	Mobile Device
IC ID:	23098-VDI3N	
Classification:	General Population	

MPE Calculator	RF Exposure	
	Calculations	
Lowest Frequency	2412.000	MHz
Highest Frequency	2462.000	MHz
Wavelength (lowest frequency)	0.124	m
Antenna aperture (1/4 wavelength radiator assumed)	0.031	m
Far Field Distance	1.555	cm
Power (Conducted)	16.5000	dBm
Ant Gain dBi	1.9500	dB
Cable Loss	0.0000	dB
EIRP dBm	18.4500	dB
EIRP mW	69.9842	mW
R	20.0000	cm
S	0.013930	mW/cm^2

Standards
CFR 47 Part 1.1310
RSS-102 Issue 5

Occupational/Controlled Exposure Limit			inches	cm	time
OSHA	10.000	mW/cm^2	7.874	20.000	6
FCC	5.000	mW/cm^2	7.874	20.000	6
IC	3.170	mW/cm^2	7.874	20.000	6
General Population/Uncontrolled Exposure Limit					
OSHA	10.000	mW/cm^2	7.874	20.000	6
FCC	1.000	mW/cm^2	7.874	20.000	30
IC	0.537	mW/cm^2	7.874	20.000	6

Note: This device is never used in the proximity of the Human Body - Extremeties

Note: This device is never used in the proximity of the Human Body - Head