

Customer:	IOSiX, LLC	Notes
Model:	IO-2050	WiFi 802.11n20
FCC ID:	2AICQ-2050	Mobile Device
IC ID:	21520-2050	
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)	12.7700	dBm
Ant Gain dBi	-15.8300	dB
Cable Loss	0.0000	dB
EIRP dBm	-3.0600	dB
EIRP mW	0.4943	mW
R	20.0000	cm
S	0.000098	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