

Customer:	Vutiliti	Notes
Model:	VUHDRF1	LoRa
FCC ID:	2APGC-VUHDRF1	
IC ID:		
Classification:	Mobile	

MPE Calculator	RF Eposure	
	Calculations	
Lowest Frequency	902.300	MHz
Highest Frequency	914.900	MHz
Wavelength (lowest frequency)	0.332	m
Antenna aperture (1/4 wavelength radiator assumed)	0.083	m
Far Field Distance	4.156	cm
Power (Conducted) (Calculated)	15.440	dBm
Ant Gain dBi	2.500	dB
Cable Loss	0.000	dB
EIRP dBm	17.940	dB
EIRP mW	62.230	mW
R	20.000	cm
S	0.01	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	8	20	6
FCC	3.008	mW/cm^2	8	20	6
IC	1.939	mW/cm^2	8	20	6
General Population/Uncontrolled Exposure Limit					
OSHA	10.000	mW/cm^2	8	20	6
FCC	0.602	mW/cm^2	8	20	30
IC	0.274	mW/cm^2	8	20	6