

Customer:	Vutiliti	Notes
Model:	VUCHDC1	LoRa 500kHz DTS
FCC ID:	2APGC-VUHDC1	
IC ID:		
Classification:	Mobile	

MPE Calculator	RF Exposure	
	Calculations	
Lowest Frequency	900.000	MHz
Highest Frequency	914.200	MHz
Wavelength (lowest frequency)	0.333	m
Antenna aperture (1/4 wavelength radiator assumed)	0.083	m
Far Field Distance	4.167	cm
Power (Conducted) (Calculated)	15.720	dBm
Ant Gain dBi	2.000	dB
Cable Loss	0.000	dB
EIRP dBm	17.720	dB
EIRP mW	59.156	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	3.000	mW/cm^2	8	20	6
IC	1.937	mW/cm^2	8	20	6
General Population/Uncontrolled Exposure Limit					
OSHA	10.000	mW/cm^2	8	20	6
FCC	0.600	mW/cm^2	8	20	30
IC	0.274	mW/cm^2	8	20	6