

Customer: U-blox
 Model: SARA-R410M
 FCC ID: XPY2AGQN4NNN
 IC ID: 8595A-2AGQN4NNN
 Classification = Mobile Device

MPE Calculator	Occupational/Controlled Exposure						General Population/Uncontrolled Exposure					
	OSHA		FCC		IC		OSHA		FCC		IC	
Lowest Frequency	777.000	MHz	777.000	MHz	777.000	MHz	777.000	MHz	777.000	MHz	777.000	MHz
Highest Frequency	787.000	MHz	787.000	MHz	787.000	MHz	787.000	MHz	787.000	MHz	787.000	MHz
Wavelength (lowest frequency)	0.386	m	0.386	m	0.386	m	0.386	m	0.386	m	0.386	m
Antenna aperture (1/4 wavelength radiator assumed)	0.097	m	0.097	m	0.097	m	0.097	m	0.097	m	0.097	m
Far Field Distance	4.826	cm	4.826	cm	4.826	cm	4.826	cm	4.826	cm	4.826	cm
Power (Conducted) (Calculated)	24.393	dBm	24.393	dBm	24.393	dBm	24.393	dBm	24.393	dBm	24.393	dBm
Ant Gain dBi	1.400	dB	1.400	dB	1.400	dB	1.400	dB	1.400	dB	1.400	dB
Cable Loss	0.000	dB	0.000	dB	0.000	dB	0.000	dB	0.000	dB	0.000	dB
EIRP dBm	25.793	dB	25.793	dB	25.793	dB	25.793	dB	25.793	dB	25.793	dB
EIRP mW	379.577	mW	379.577	mW	379.577	mW	379.577	mW	379.577	mW	379.577	mW
R	20.000	cm	20.000	cm	20.000	cm	20.000	cm	20.000	cm	20.000	cm
S	0.08	mW/cm ²	0.08	mW/cm ²	0.08	mW/cm ²	0.08	mW/cm ²	0.08	mW/cm ²	0.08	mW/cm ²

Occupational/Controlled Exposure Limit			inches	cm	time
OSHA	10.000	mW/cm ²	8	20	6
FCC	2.590	mW/cm ²	8	20	6
IC	1.799	mW/cm ²	8	20	6
General Population/Uncontrolled Exposure Limit					
OSHA	10.000	mW/cm ²	8	20	6
FCC	0.518	mW/cm ²	8	20	30
IC	0.247	mW/cm ²	8	20	6