Input-Output									
FCC ID: MCV-FSU101									
217-219 MHzTransmitter with Bluetooth						**Calculate mW/cm2 here. Enter frequency in MHz:**			
RF Hazard Distance Calculation						Calculation of Limits from 1.1310 Table 1			
									Control
									Ave 6 n
mW/cm2 from Table1:		**0.20**				F(MHz)	**Actual F, MHz**		Occ, m
						0.3-3	0.5		100
Max RF Powe	TX Antenna	MPE distance	S, mW/cm@	Comment	MPE Percentag	*3.0 - 30.0*	*5*		*180*
P, dBm	G, dBi	cm	at 20 cm			**30.0-300**	**100**		**1.**
						300-1500	*599*		*2.*
31.52	**2.20**	**30.6**	**0.47**	Peak (VHF)	n/a	1500-100000	5555		5.
14.5	**2.20**	**4.3**	**0.01**	2%duty cycle	5%				
3.5	**0.50**	**1.0**	**0.002**	Peak (BT)	0.20%				
				TOTAL	5.20%	**Enter P(mW)**	Equivalent dBr	**Enter dBm**	Equival
Basis of Calculations:						***895.4***	**29.52**	***29.52***	
E^2/3770 = S, mW/cm2									
E, V/m = (Pwatts*Ggain*30)^.5/d, meters									
d = ((Pwatts*G*30)/3770*S))^0.5			Pwatts*Ggain = 10^(PdBm-30+GdBi)/10)						
S@20cm = 20 log (MPE dist/20cm)									
NOTE: For mobile or fixed location transmitters, minimum separation distance is for FCC compliance is 20 cm,									
even if calculations indicate MPE distance is less									