

|                                                                                                                                                  |            |                                                             |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------|--|--|--|--|
|                                                                                                                                                  |            |                                                             |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| <b>Foxcom Wireless</b>                                                                                                                           |            |                                                             |  |  |  |  |
| <b>FCC ID: OJFMODULE810</b>                                                                                                                      |            |                                                             |  |  |  |  |
| <b>RF Hazard Distance Calculation</b>                                                                                                            |            |                                                             |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| <b>mW/cm2 from Table1:</b>                                                                                                                       |            | <b>1.00</b>                                                 |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| Max RF Power                                                                                                                                     | TX Antenna | MPE                                                         |  |  |  |  |
| P, dBm                                                                                                                                           | G, dBi     | Safe Distance, cm                                           |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| <b>21.0</b>                                                                                                                                      | <b>5.0</b> | <b>5.6</b>                                                  |  |  |  |  |
| <b>21.0</b>                                                                                                                                      | <b>2.0</b> | <b>4.0</b>                                                  |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| <b>Basis of Calculations:</b>                                                                                                                    |            |                                                             |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| $E^2/3770 = S$ , mW/cm2                                                                                                                          |            |                                                             |  |  |  |  |
| $E, V/m = (P_{watts} * G_{gain} * 30)^{.5} / d$ , meters                                                                                         |            |                                                             |  |  |  |  |
| $d = ((P_{watts} * G_{gain} * 30) / 3770 * S)^{.5}$                                                                                              |            | $P_{watts} * G_{gain} = 10^{(P_{dBm} - 30 + G_{dBi}) / 10}$ |  |  |  |  |
|                                                                                                                                                  |            |                                                             |  |  |  |  |
| <b>NOTE: For mobile or fixed location transmitters, minimum separation distance is 20 cm, even if calculations indicate MPE distance is less</b> |            |                                                             |  |  |  |  |