

|  |            |                   |             |   |                      |                  |  |                   |              |
|--|------------|-------------------|-------------|---|----------------------|------------------|--|-------------------|--------------|
| <b>Sonos Inc. Zone Player</b>  |            |                   |             |   |                      |                  |  |                   |              |
| FCC ID: SBVZP000   |            |                   |             |   |                      |                  |  |                   |              |
|  |            |                   |             | Calculate mW/cm2 here. Enter frequency in MHz:  |                      |                  |  |                   |              |
| <b>RF Hazard Distance Calculation</b>  |            |                   |             | Calculation of Limits from 1.1310 Table 1       |                      |                  |  |                   |              |
|  |            |                   |             |   |                      |                  |  | Controlled        | Uncontrolled |
|  |            |                   |             |   |                      |                  |  | Ave 6 min         | Ave 30 min   |
| <b>mW/cm2 from Table1:</b>   |            | <b>1.00</b>       |             | F(MHz)  | <b>Actual F, MHz</b> |                  |  | Occ, mW/c2        | Gen, mW/cm2  |
|  |            |                   |             | 0.3-3   | 0.5                  |                  |  | 100.0             | 100.0        |
| Max RF Power   | TX Antenna | MPE               | MPE, inches | 3.0 - 30.0                                      | 5                    |                  |  | 180.0             | 36.0         |
| P, dBm   | G, dBi     | Safe Distance, cm |             | <b>30.0-300</b>                                 | <b>55</b>            |                  |  | <b>1.0</b>        | <b>0.2</b>   |
|  |            |                   |             | 300-1500  | 555                  |                  |  | 1.9               | 0.37         |
| 19.3   | 1.1        | 2.9               | 1.2         | 1500-100000                                     | 5555                 |                  |  | 5.0               | 1.0          |
|  |            |                   |             |   |                      |                  |  |                   |              |
|  |            |                   |             |   |                      |                  |  |                   |              |
|  |            |                   |             | <b>Enter P(mW)</b>                              | Equivalent dBm       | <b>Enter dBm</b> |  | Equivalent mWatts |              |
|  |            |                   |             |   |                      |                  |  |                   |              |
|  |            |                   |             |   |                      |                  |  |                   |              |
| <b>Basis of Calculations:</b>  |            |                   |             | <b>86</b>                                       | <b>19.3</b>          | <b>19.3</b>      |  | 85.1              |              |
| E <sup>2</sup> /3770 = S, mW/cm2   |            |                   |             |   |                      |                  |  |                   |              |
| E, V/m = (Pwatts*Ggain*30) <sup>.5</sup> /d, meters  |            |                   |             |   |                      |                  |  |                   |              |
| d = ((Pwatts*G*30)/3770*S) <sup>.5</sup>   |            |                   |             | Pwatts*Ggain = 10 <sup>^(PdBm-30+GdBi)/10</sup> |                      |                  |  |                   |              |
| <b>NOTE: For mobile or fixed location transmitters, minimum separation distance is 20 cm, even if calculations indicate MPE distance is less</b> |            |                   |             |   |                      |                  |  |                   |              |