## MPE Calculation Page



| EIRP | S | S | Distance | Distance | Distance | Distance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| milliwatts | $\mathrm{mW} / \mathrm{cm}^{2}$ | $\mathrm{W} / \mathrm{m}^{2}$ | cm | meter | inches | Feet |
| 1171412.517 | 0.37287 | 3.72872 | 500.00 | 5.00 | 196.85 | 0.42 |
| 1171412.517 | 0.58261 | 5.82613 | 400.00 | 4.00 | 157.48 | 0.33 |
| 1171412.517 | 1.03576 | 10.35756 | 300.00 | 3.00 | 118.11 | 0.25 |
| 1171412.517 | 2.33045 | 23.30451 | 200.00 | 2.00 | 78.74 | 0.17 |
| 1171412.517 | 3.04385 | 30.43855 | 175.00 | 1.75 | 68.90 | 0.15 |
| 1171412.517 | 4.14302 | 41.43024 | 150.00 | 1.50 | 59.06 | 0.13 |
| 1171412.517 | 4.75602 | 47.56023 | 140.00 | 1.40 | 55.12 | 0.12 |
| 1171412.517 | 5.03990 | 50.39903 | 136.00 | 1.36 | 53.54 | 0.11 |
| 1171412.517 | 5.51586 | 55.15861 | 130.00 | 1.30 | 51.18 | 0.11 |
| 1171412.517 | 5.96595 | 59.65955 | 125.00 | 1.25 | 49.21 | 0.10 |
| 1171412.517 | 6.47348 | 64.73475 | 120.00 | 1.20 | 47.24 | 0.10 |
| 1171412.517 | 7.70397 | 77.03971 | 110.00 | 1.10 | 43.31 | 0.09 |
| 1171412.517 | 9.32180 | 93.21805 | 100.00 | 1.00 | 39.37 | 0.08 |
| 1171412.517 | 11.50840 | 115.08401 | 90.00 | 0.90 | 35.43 | 0.08 |
| 1171412.517 | 14.56532 | 145.65320 | 80.00 | 0.80 | 31.50 | 0.07 |
| 1171412.517 | 19.02409 | 190.24091 | 70.00 | 0.70 | 27.56 | 0.06 |
| 1171412.517 | 25.89390 | 258.93902 | 60.00 | 0.60 | 23.62 | 0.05 |


| Frequency (MHz) | Occupational Limit minimum Distance (meters) | Occupational Limit minimum <br> Distance <br> (cm/inches) | Public Limit minimum distance (meters) | Public Limit minimum distance ( $\mathrm{cm} /$ inches) |
| :---: | :---: | :---: | :---: | :---: |
| 300-1,500 | N/A | N/A | N/A | N/A |
| 1,500-10,000 |  |  | 3.00 | $300 / 118$ |

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Revision 1

Mikrotikls SIA
Model: R11e-5HnD
Test \#: 130319
Test to: CFR47 (15.247)
File: RFExp R11E5HND

SN: EUT1
FCC ID\#: TV7R11E5HND
Date: January 22, 2014
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