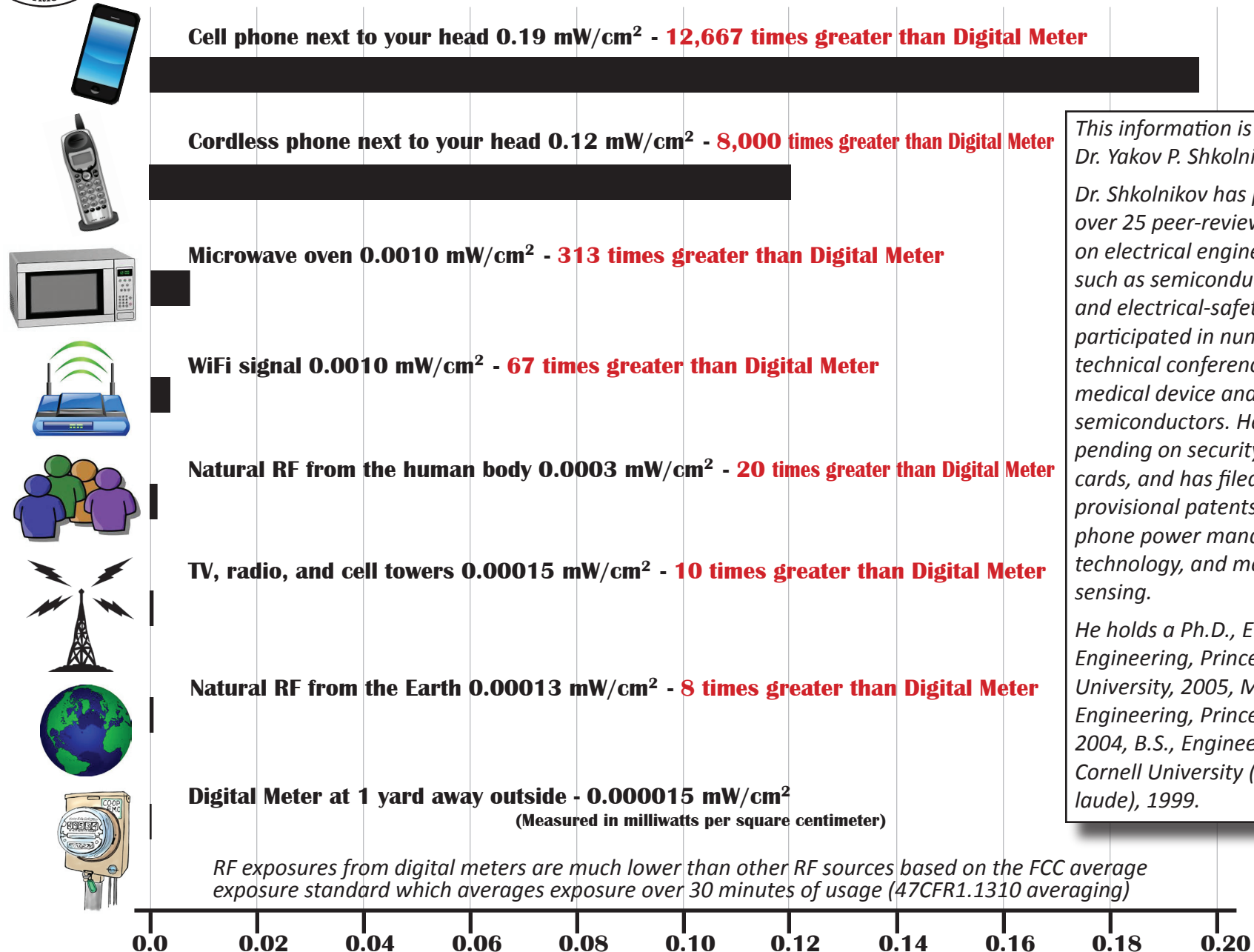




Radio Frequency Comparison of Common Sources

Empire Electric has more in-depth information on our web-site www.eea.coop



RF exposures from digital meters are much lower than other RF sources based on the FCC average exposure standard which averages exposure over 30 minutes of usage (47CFR1.1310 averaging)

This information is provided by Dr. Yakov P. Shkolnikov, Ph.D. Dr. Shkolnikov has published over 25 peer-reviewed papers on electrical engineering topics such as semiconductor physics and electrical-safety and has participated in numerous technical conferences on medical device analysis and semiconductors. He has a patent pending on security of RFID cards, and has filed several provisional patents filings on cell phone power management, RFID technology, and mechanical strain sensing. He holds a Ph.D., Electrical Engineering, Princeton University, 2005, M.A., Electrical Engineering, Princeton University, 2004, B.S., Engineering Physics, Cornell University (summa cum laude), 1999.