

Table 1. Quantum parameters of exemplary quanta with desired mass between 10 g and 10 yg

desired quantum mass [kg]	Calculated quantum properties						
	material factor μ	size r [m]	frequency f [Hz]	electric charge q [C]	electric current i [A]	el. potential U [V]	temperature T [K]
10g = 10^{-2} kg	$6.66766 \cdot 10^6$	$3.38288 \cdot 10^{-2}$	0.11444	$3.16668 \cdot 10^8$	$3.62392 \cdot 10^7$	$1.40294 \cdot 10^5$	$3.665 \cdot 10^{-5}$
1mg = 10^{-6} kg	$6.66766 \cdot 10^5$	$3.38288 \cdot 10^{-3}$	11.444	$3.16668 \cdot 10^4$	$3.62392 \cdot 10^5$	$1.40294 \cdot 10^4$	$3.665 \cdot 10^{-4}$
100ng = 10^{-10} kg	$6.66766 \cdot 10^4$	$3.38288 \cdot 10^{-4}$	$1.1444 \cdot 10^3$	3.16668	$3.62392 \cdot 10^3$	$1.40294 \cdot 10^3$	$3.665 \cdot 10^{-3}$
10pg = 10^{-14} kg	$6.66766 \cdot 10^3$	$3.38288 \cdot 10^{-5}$	$1.1444 \cdot 10^5$	$3.16668 \cdot 10^{-4}$	36.2392	$1.40294 \cdot 10^2$	$3.665 \cdot 10^{-2}$
1fg = 10^{-18} kg	$6.66766 \cdot 10^2$	$3.38288 \cdot 10^{-6}$	$1.1444 \cdot 10^7$	$3.16668 \cdot 10^{-8}$	0.362392	14.0294	0.3665
100zg = 10^{-22} kg	66.6766	$3.38288 \cdot 10^{-7}$	$1.1444 \cdot 10^9$	$3.16668 \cdot 10^{-12}$	$3.62392 \cdot 10^{-3}$	1.40294	3.665
10yg = 10^{-26} kg	6.66766	$3.38288 \cdot 10^{-8}$	$1.1444 \cdot 10^{11}$	$3.16668 \cdot 10^{-16}$	$3.62392 \cdot 10^{-5}$	0.140294	36.65

Note: Quantum of circulation Φ_f for all quanta = $A \cdot f = r^2 \cdot f = 1.309632 \cdot 10^{-4} \text{ m}^2/\text{s}$;

Power P for all quanta = $\Phi_f^2 = \mu^4 \cdot h \cdot f^2 = \mu^{-3} \cdot i \cdot U = 1.715136 \cdot 10^{-8} \text{ W}$;

mg - milligram, ng - nanogram, pg - picogram, fg - femtogram, zg - zeptogram, yg - yoctogram.