$$\log_2(\mathrm{PTPVAR}) = \frac{\ln(1.144 \times 10^{-15})}{\ln 2} = -49.6348$$

$$2^8 \log_2(\mathrm{PTPVAR}) = \frac{(256)\ln(1.144 \times 10^{-15})}{\ln 2} = -12706.5176 \cong -12707$$