where \( B_{pk} \) expressed in gauss, \( f \) expressed in hertz, and:

\[
\begin{align*}
a &= 4.00 \times 10^9, \\
b &= 3.00 \times 10^8, \\
c &= 2.70 \times 10^6, \\
d &= 4.40 \times 10^{-16}
\end{align*}
\]

where \( H \) expressed in oersteds, and:

\[
\begin{align*}
a &= 1.00 \times 10^{-2}, \\
b &= 1.34 \times 10^{-8}, \\
c &= 1.55, \\
d &= 0.00
\end{align*}
\]

where \( B_{pk} \) expressed in gauss, and:

\[
\begin{align*}
a &= 1.57 \times 10^3, \\
b &= 4.50 \times 10^{-1}, \\
c &= 1.25, \\
d &= 1.16 \times 10^{17}, \\
e &= -3.70 \times 10^0, \\
f &= 1.07 \times 10^2
\end{align*}
\]

where \( T \) expressed in celsius, and:

\[
\begin{align*}
a &= 6.20 \times 10^{-4}, \\
b &= 1.36 \times 10^0, \\
c &= 7.71 \times 10^4, \\
d &= 9.31 \times 10^{-4}, \\
e &= 3.60 \times 10^3
\end{align*}
\]