Comparison of efficiency data of International Rectifier’s SBI5AS dc-dc converter with the efficiency formula:

\[
\eta = \frac{1}{1 + \frac{P_{oh}}{P_o} + \frac{P_o}{P_{sc}}}
\]

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The efficiency data reported by IR in their data sheet PD-97891.
The efficiency formula yields the following curves:
When the two are superimposed, the agreement is seen to be excellent.
For an explanation of the efficiency formula and its two parameters, please refer to:

1. My YouTube presentation:  https://www.youtube.com/watch?v=UfdBiPEUOac
