I have a question about LP 2951.

I am currently designing the power supply.
Please tell me about drift at temperature.
Data sheet p5
Output voltage temperature coefficient (1)

20 ppm (typ) = 0.00002 V / °C.
100 ppm (max) = 0.0001 V / °C.
I think that it will fluctuate.

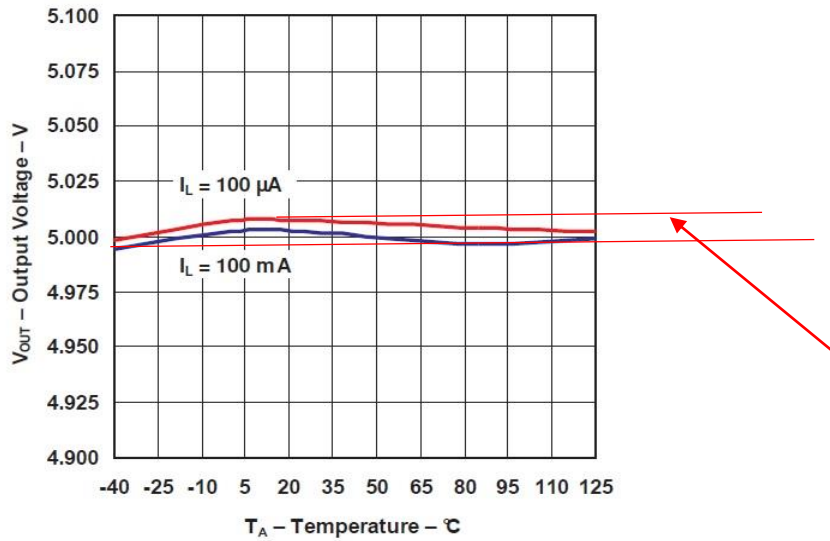
How did you calculate this?

For example, as shown in the figure on the right,
change in temperature 0.005 Vp - p - 40 °C - 125 °C.
0.005 / 165 (-40 ° C.-125 ° C.) = 30 ppm
Does it match in this way?

Thank you.

ALL VOLTAGE OPTIONS					
Output voltage temperature coefficient(1)	I_L = 100 µA	–40°C to 125°C	20	100	ppm/°C

(1)Output or reference voltage temperature coefficient is defined as the worst-case voltage change divided by the total temperature range.



0.005V

Figure 5. Output Voltage vs Temperature