Duty Cycle Calculation

On time $= 65.5/121 \times 100 \times pulse train duration$ = .945 ms

Duty cycle correction = on time/ 100 ms or period, whichever is lesser

Period between each pulse train is 150 ms.

Therefore,

Duty cycle correction = .945 ms/100ms = 9.45 % = 20 log (.0945) = -20.5 dB

A –20 dB correction, because a maximum of –20 dB is allowed.