***Dear Editor,***

***The authors of the manuscript ZA10150/Poprocki would like to thank the two referees for their attention to detail in reviewing the revised manuscript.
We were reminded that Figs 14 and 18 needed to be updated with results
from the photon tracking simulations which include the effects of the grooves.
Please find below our point-by-point responses.***

***With kind regards.***

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Re: ZA10150

 Measurement and modeling of electron-cloud-induced betatron tune

 shifts at the Cornell Electron-Positron Storage Ring test accelerator

 by S. Poprocki, S. W. Buechele, J. A. Crittenden, et al.

Dear Jim,

Your revised manuscript has been reviewed again by two of our referees.

Comments from the reports appear below for your consideration.

When you resubmit your manuscript, please include a summary of the

changes made and a brief response to all recommendations and

criticisms.

Thanks,

Debbie

Debbie Brodbar

Journal Manager

Physical Review Accelerators and Beams

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Second Report of Referee A -- ZA10150/Poprocki

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REFEREE 2A - ZA10150

I appreciate the authors providing the revised manuscript in which my

comments are considered and addressed. I believe applied modifications

to the previous manuscript are reasonable. I recommend this manuscript

be published in PRAB.

I put a few minor comments here:

-Does the Figure 14 assume the chamber with no grooves? (The curves in

Fig. 14 b) are similar to the black curve in Fig. 7.) If it does, it

should be mentioned because the sentence "All of the simulation

results shown below assume the micro-groove structure, “ is added in

the revised manuscript.

**Indeed, Fig 14 b) and Fig. 7 were in conflict. Figs 14 and 18 now show the
distributions including the effects of the grooves.**

- In Figs. 12 and 13, "incident angle" might be "grazing angle".

**Definition now clarified.**

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Second Report of Referee B -- ZA10150/Poprocki

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REFEREE 2B

ZA10150

The authors properly addressed the points identified in the previous

iteration.

A few minor changes that could be still applied:

- "by enabling bunch-by-bunch feedback" --> "by enabling the

bunch-by-bunch feedback"

**Done.**

- The caption of Fig. 19 should be made larger

**We increased the size of the axis labels and removed a redundant label.**

- "Secondary Electron Yield depends" --> "The SEY depends"

In general, once introduced, the acronym should be used throughout the

paper.

**Corrected in all instances.**