

May 3, 1957

Dear Mr. Reber:

My face is very red! When I wrote you a day or so ago I was confused and somehow thought that the radiation you were observing came from the sun. After my letter was far out over the Pacific, I discovered my error and proceeded to lament. You had plainly said, in your letter, that this radiation was of cosmic origin but I suspect that because much was said about the ionosphere and it in turn is much affected by solar conditions, I fell into the error of thinking that the sun was the primary source.

Wave modes of the type you mention imply reflections from discontinuities. Are these necessarily in the ionosphere? Could they be in the cosmic medium where the waves originate?

Best regards,

Senge Douthett