

[REDACTED]

From: Robert [REDACTED]
Sent: Thursday, 29 September 2022 11:37 AM
To: Spectrum Licensing Policy
Subject: Draft Radiocommunications (Amateur Stations) Class Licence 2022 error

Dear ACMA,

I have just looked at the documents you have released on the Amateur Class Licence. I would like to point out a small error in the "Draft Radiocommunications (Amateur Stations) Class Licence 2022" document. Specifically, I refer to the definition of the "far field" on the bottom of page 12 and top of page 13. The definition you have included is no longer part of the ARPANSA RF Exposure Standard. It was in the old standard (RPS-3) but it has been removed from the new standard (RPS S-1). In its place the reader is referred to the field boundary definitions in AS/NZS 2772.2:2016 (the measurement and computation standard). These definitions are slightly more complicated than what you have in your draft. As I recall, the removal of these definitions sparked some comments when the drafts of RPS S-1 were released but the change removed an inconsistency between the exposure standard and the measurement and computation standard.

Fyi am not just an Amateur (VK2HR) but also part of a UNSW@ADFA team that provides a professional development course, primarily to defence, on RF Radiation Safety, and I deliver a section on the ARPANSA RF Exposure Standard (RPS S-1). Having done several of these courses earlier this year, the change of the far-field definition was discussed as it necessitated a change in not just mine but other's presentations.

Regards,

Robert Smith