

12th March 2020

From: TE007 Standards Committee Human Exposure to Electromagnetic Fields

To: ACMA

Re: Amendment to electromagnetic energy (EME) arrangements. Proposal to make the Radiocommunications (Electromagnetic Radiation – Human Exposure) Amendment Standard 2020 (No. 1) -- TE007 comments

Dear ACMA

The TE-007 committee recognises the importance of providing a regulatory framework for devices operating at frequencies above 6 GHz. Members of the committee support the proposed amendment to the EME arrangements outlined in consultation paper IFC 04/2020.

Given that the TR 63170 is the only available methodology internationally and considering that, other jurisdictions are likely adopting this TR, we recommend Option 1 as described in IFC 04/2020. The IEC/IEEE standards 63195-1 and 63195-2 are based on IEC TR 63170 and are in CDV stage currently and scheduled for publication later this year. We recommend ACMA adopt the IEC/IEEE standards 63195-1 and 63195-2 when they become available.

The committee suggests that ACMA also considers including the forthcoming standards IEC/IEEE 62209-1528 and IEC/IEEE 62209-3 as valid test method standards for both devices used in close proximity to the human ear and devices used 20 cm or less from the human body. IEC/IEEE 62209-1528 combines parts one and two of IEC 62209 and is due to be published in June 2020.

Since combined standards from IEC/IEEE are being jointly published, we suggest that ACMA also consider permitting relevant FCC standards (in addition to the EN standards) to provide acceptable methodology for compliance with Australian EME regulations.

Yours sincerely,



Stuart Henderson

Chair TE-007

On behalf of the TE-007 Committee