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Space systems — Space solar cells — Electron and proton irradiation test methods

Systèmes spatiaux — Cellules solaires spatiales — Méthodes d'essai d'irradiation d'électrons et de protons

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Foreword

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This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 14, *Space systems and operations*.

This second edition cancels and replaces the first edition (ISO 23038:2006), which has been technically revised. The main changes compared to the previous edition are as follows:

— radiation environment models were updated from AE8/AP8 to AE9/AP9;

— threshold energies for atomic displacement for silicon and GaAs were deleted;

— a statement was added that, whatever the method, the duration or intensity level of the electron and proton irradiation test is considered a “destructive test”.

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