

**Leidos Supplementary Submission**  
**in Response to the ACMA's Five Year Spectrum Outlook 2024-29 and 2024-25 Work Program**

**Request for Expansion of Licensing Authority to Allow Operation of New Generation Millimeter  
Wave Security Scanners**

**6 May 2024**

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## 1 Supplementary Submission

- 1.1 We refer to the earlier submission by the Leidos group (**Leidos**) submitted to the Australian Communications and Media Authority (**ACMA**) draft Five Year Spectrum Outlook 2024-29 and 2024-25 Work Program consultation on 19 April 2024 (**Primary Submission**). Leidos appreciates the opportunity to provide additional information in support of the Primary Submission as follows.

### ***Significance of body scanner issue for private sector and government***

- 1.2 The security of airports, other critical infrastructure, and commercially sensitive premises remains a continuing policy focus of government and an ongoing risk mitigation priority for the private sector in Australia.
- 1.3 Physical security generally, and body scanner licensing arrangements more particularly, are issues that directly affect national security and the resilience of commercial and critical infrastructure facilities in Australia. A review is therefore timely.
- 1.4 The importance of appropriate body scanner licensing arrangements that are adapted both to Australia's current threat environment and recent developments in available technology is reflected in the level of concern expressed by state and federal government agencies, peak industry bodies and other stakeholders.
- 1.5 This is the second year in a row that the ACMA has received requests to review this issue from Australian Airports Association.
- 1.6 This year we understand that submissions will also be lodged by the Commonwealth Department of Home Affairs, South Australian Department of Correctional Services and several airports.
- 1.7 Leidos submits that the level of engagement on this issue from stakeholders and the matters outlined in the Primary Submission demonstrate why this issue requires urgent consideration as part of the 2024-25 work program.

### ***Previous field trials***

- 1.8 Leidos obtained a scientific licence in May 2023 to conduct trials of an earlier configuration of the New Generation MMW Scanner. This earlier configuration New Generation MMW Scanner operated with a peak EIRP of -6.97 dBm in the 20-40 GHz frequency range.
- 1.9 During 2023, Leidos performed demonstrations at its Melbourne office in Laverton, as well as a six month trial. During the trial period the device was operated for extended periods, for example, in August 2023 the device operated for a substantial proportion of each working day.
- 1.10 Prior to the commencement of each demonstration, and during the trial, Leidos notified stakeholders, including Telstra, Optus, Mobile JV (TPG Telecom) of the monthly testing schedule and the location and times of testing.
- 1.11 Importantly, there were no issues reported by stakeholders or other third parties at any time during the period of operation of the New Generation MMW Scanner at Laverton.